“We help grow the minds of students who go on to change the world as leaders and innovators in their fields.”

Dr Michael Spence AC
Vice-Chancellor and Principal
We acknowledge the tradition of custodianship and law of the Country on which the University of Sydney campuses stand. We pay our respects to those who have cared and continue to care for Country.
Join us

Discover why our graduates are ranked first in Australia and fourth in the world for graduate employability.*

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A degree designed for you ................................. 6
The combined Bachelor of
Advanced Studies .......................................... 10
Become a Dalyell Scholar ............................... 12

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Areas of study

With 400+ study areas available, discover what our world-class faculties and schools have to offer.

Architecture, design and planning .......... 28
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*QS Graduate Employability Rankings 2018
Courses A-Z

A full list of our course offerings, including the ATAR or IB you need to achieve for entry.

How to apply

The next steps. Find out how to apply for your dream course and begin your journey to Sydney.

IMPORTANT EVENTS AND DATES

2018

Open Day
25 August 2018
sydney.edu.au/open-day

Info Day
December 2018
sydney.edu.au/info-day

2019

Orientation
18-22 February 2019

Lectures begin
25 February 2019

Dates are subject to change.
For the latest information, please check our website: sydney.edu.au/dates
WHY CHOOSE SYDNEY?

We aim to instil the skills, knowledge and values you need to become a leader in a rapidly changing world. You can choose from our range of professional, specialist, liberal studies, and combined and double degrees.

1st in Australia and ranked 4th in the world for graduate employability*

Top 50 in world university rankings**

300 international partners to combine study and travel
400+ areas of study to build the right degree to fulfil your goals

320,000 alumni to connect you with a worldwide network

$84 million in scholarships offered to our students every year

200+ clubs and societies to enrich your student experience

*QS Graduate Employability Rankings 2018
**QS World University Rankings 2018
We recognise that the future of work will be very different, so it’s our ambition that every University of Sydney student will complete their degree with the confidence and ability to think critically, collaborate productively and influence the world.

By studying one of our undergraduate courses you’ll have the opportunity to:

– gain expertise in your primary field of study, learning from leaders in their field
– sharpen your broader skills (e.g., communication, digital literacy and inventiveness) and acquire complementary expertise in a second field
– develop the capability to work across cultural boundaries, in Australia and around the world
– deepen your expertise and develop skills in interdisciplinary collaboration through real-world industry, community, entrepreneurship and research projects.

As a graduate you will have the capabilities to tackle whatever challenges and opportunities lie in the future.

We’ve reimagined the Sydney Undergraduate Experience – the way we teach and the way you’ll learn – to prepare you for a future full of possibilities.

sydney.edu.au/ug-experience
Plan your degree

- Supercharge your degree with the combined Bachelor of Advanced Studies
- Broaden your skillset through short, on-demand modules in the Open Learning Environment
- Combine your interests from more than 100 study areas in the shared pool of majors and minors
- Gain international experience and prepare yourself for a global career
- Become a Dalyell Scholar and join the next generation of global leaders

Choose from our range of professional, specialist, liberal studies, and combined and double degrees

Apply your knowledge to real-world projects and tackle complex global challenges

Options are indicative only and vary between degrees. Refer to pages 6 to 19 to find out more.
A DEGREE DESIGNED FOR YOU

Whether you’ve had your career path mapped out since childhood or you’re convinced that your dream job doesn’t exist yet, one of our three degree pathways – professional, specialist and liberal studies – will prepare you for the future.

sydney.edu.au/plan-your-degree

Professional degrees

If you’re already sure of the career path you’d like to take, follow a specific study pattern that leads to professional accreditation and registration.

- Gain practical experience during work placements and internships, compulsory in most professional degrees.
- Complement your expertise with interdisciplinary experiences.
- Professional degrees are available in areas including – advanced computing; architecture; dentistry; education and social work; engineering and information technology; health sciences; law; medicine; music (education); nursing; pharmacy; project management; psychology; and veterinary medicine.
Combined and double professional degrees

Combined and double degrees will prepare you for a diverse range of careers by developing professional expertise alongside the skills to adapt and drive change and innovation.

- Cultivate a diverse skillset and breadth of knowledge, alongside expertise in a professionally accredited field, by combining your professional degree with a liberal studies degree.

- Take your professional degree in combination with another professional or specialist degree to develop expert knowledge and effectiveness in a given field or profession.

- Degree examples include combined law degrees, double degree medicine courses and the Bachelor of Design in Architecture (Honours)/Master of Architecture.

See pages 48 and 49 to find a list of professional degrees, including combined and double degrees.

“The Chancellor’s Award has enriched my experience at the University and is an incredible asset.

“During my time studying a Bachelor of Arts/Bachelor of Laws I’ve had the flexibility to pursue my passions, the means to undertake an overseas study experience in Edinburgh, and, above all, the encouragement to work hard and embrace university life to the best of my ability.”

Caitlin Lee  
Study areas: Law; Government and international relations

“During my time studying a Bachelor of Engineering (Honours)/Bachelor of Arts I have honed my love for robotics and connected other passions outside of engineering to my degree, such as studying music at the Conservatorium through my arts degree.”

Jordan Jolly  
Study areas: Mechatronic engineering (space); Chinese language

“The University of Sydney is the only university in Australia to offer a space program, and the strong arts subject offerings made it even more appealing.”
Specialist degrees

Know where you want to start your career? A specialist degree might be for you.

- Study a set of defined fields that develop your expertise in a specific area.
- Take electives from other faculties to broaden your learning.
- Specialist degrees are available in areas including – design computing; economics; music; visual arts.

Combined specialist degrees

You can supercharge your studies by combining your specialist degree with the Bachelor of Advanced Studies.*

- Deepen your learning and extend your knowledge through advanced coursework and a major project.
- Cultivate expertise in your area of interest alongside critical thinking and problem-solving skills to excel in your future field.
- Degree examples include the Bachelor of Design Computing/Bachelor of Advanced Studies and Bachelor of Economics/Bachelor of Advanced Studies.

See pages 48 and 49 to find a list of specialist and combined degrees.

* Available with the Bachelor of Design Computing, Bachelor of Economics and Bachelor of Visual Arts only.

“I always wanted to go to art school and Sydney was the right fit for me. As part of my Bachelor of Visual Arts I am taught by experienced, enthusiastic and insightful art professionals, and have access to all the faculties of a large and established university.”

Rosie Thomas
Study area: Photomedia
Liberal studies degrees

A liberal studies degree is ideal if you want to follow your interests and continue studying what you enjoy most.

- Build your depth of knowledge in one or more areas.
- Design your own degree by combining studies from a broad range of disciplines.
- Liberal studies degrees are available in areas including – arts and social sciences; business; science, agriculture, environment and veterinary science.
- Focus on a specific field by applying for a liberal studies stream such as agriculture, animal and veterinary bioscience, food and agribusiness, health, international and global studies, media and communications, medical science, or politics and international relations.

Combined and double degree liberal studies degrees

Supercharge your liberal studies degree by combining it with the Bachelor of Advanced Studies or enhance your knowledge and skills as you complete a combined or double degree professional course.

- Extend your knowledge and deepen your critical thinking skills through advanced coursework and a major project in the combined Bachelor of Advanced Studies. Refer to pages 10 and 11 for more information.
- Some liberal studies degrees can be taken with professional degrees, enabling you to develop knowledge across disciplines and expertise in a professionally accredited field.

See pages 48 and 49 to find a list of liberal studies degrees, including combined and double degrees.
The combined Bachelor of Advanced Studies provides you with the flexibility to design your own degree. Challenge yourself through advanced coursework and a major project, and make the most of the study, exchange, internship and student life opportunities available at Sydney.

The combined Bachelor of Advanced Studies can be taken in combination with a three-year liberal studies or specialist bachelor’s degree*, including the Bachelor of Arts, Bachelor of Commerce, Bachelor of Design Computing, Bachelor of Economics, Bachelor of Science and Bachelor of Visual Arts.

Over four years, you will:
- design your own degree by combining majors from a range of disciplines
- complete a second major from either your primary study area or the shared pool of majors and minors
- complete advanced coursework to build on your expertise and leadership skills, or complete an honours project
- work on real-world industry, community and research challenges across disciplines.

sydney.edu.au/bachelor-advanced-studies
## Bachelor’s degree

<table>
<thead>
<tr>
<th>Degree</th>
<th>Combined Bachelor of Advanced Studies</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 years</td>
<td>4 years</td>
</tr>
</tbody>
</table>

### Components

- **Double major optional**
- **Major**
- **Double major mandatory**
- **Minor** (or second major)
- **Open Learning Environment**
- **Electives**
- **Exchange (available)**
- **Third-year project** (per major)
- **Advanced coursework**
- **Substantial fourth-year project**
- **Honours (available)**

For studies in Arts, Commerce, Design Computing, Economics, Science and Visual Arts

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### Indicative course structure: combined three-year degree and Bachelor of Advanced Studies**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Major 1&lt;br&gt;Core/elective&lt;br&gt;Core/elective&lt;br&gt;Major 2</td>
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<tr>
<td></td>
<td>2</td>
<td>Major 1&lt;br&gt;Core/elective&lt;br&gt;Core/elective&lt;br&gt;Major 2</td>
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<tr>
<td>2</td>
<td>1</td>
<td>Major 1&lt;br&gt;OLE&lt;br&gt;Elective&lt;br&gt;Major 2</td>
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<td>2</td>
<td>Major 1&lt;br&gt;OLE&lt;br&gt;Elective&lt;br&gt;Major 2</td>
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<td>3</td>
<td>1</td>
<td>Major 1&lt;br&gt;Major 1&lt;br&gt;Major 2&lt;br&gt;Major 2</td>
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<td></td>
<td>2</td>
<td>Major 1&lt;br&gt;Major 1&lt;br&gt;Major 2&lt;br&gt;Major 2</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Advanced coursework including a research, community, industry or entrepreneurship project or honours coursework and honours project</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

* Available with the Bachelor of Arts, Bachelor of Commerce, Bachelor of Design Computing, Bachelor of Economics, Bachelor of Science and Bachelor of Visual Arts only.

** Please note that all of the course structures in this guide are indicative only and subject to change.
As a Dalyell Scholar you can draw on the rich interdisciplinary depth and breadth on offer at the University, cultivating the leadership and professional expertise to become part of our global network of leaders.

Named after Elsie Jean Dalyell OBE (1881–1948), a distinguished medical graduate of the University, Dalyell Scholars will have the opportunity to collaborate and network with like-minded world influencers.

In addition to completing distinctive Dalyell units of study, you will have access to enrichment opportunities, including:

- accelerated learning options, such as early access to advanced units of study
- access to specialised Language (Arts) and Mathematical Sciences (Science) programs (optional)
- tailored mentoring and professional skills development to enhance your study and career opportunities
- international experiences to develop your global perspective, including a $2000 global mobility scholarship.

For high-achieving students with an ATAR (or equivalent) of 98+, Dalyell Scholars have access to a range of enrichment opportunities that will challenge you alongside your most promising and talented peers.

Who was Elsie Jean Dalyell?
Elsie Jean Dalyell OBE (1881–1948) was the first full-time female academic in our Faculty of Medicine. She was a pioneer resident medical officer at Royal Prince Alfred Hospital and worked as a senior clinician in a Vienna-based research team studying childhood diseases. Her academic excellence and commitment to creating her own path are hallmarks of our Dalyell Scholars stream.

To study as a Dalyell Scholar entry is by UAC preference or invitation.

Courses available by UAC preference

To study as a Dalyell Scholar in the following courses, you will need to apply via UAC preference.

- B Arts/B Advanced Studies (Dalyell Scholars including Languages)* UAC 513221
- B Commerce/B Advanced Studies (Dalyell Scholars) UAC 513310
- B Engineering Honours (Dalyell Scholars) UAC 513571
- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)* UAC 513911

Courses available by invitation

You will be invited to become a Dalyell Scholar if you apply for, and are made an offer to, one of the degrees listed as ‘by invitation’ and have achieved a 98+ ATAR (or equivalent).

Architecture, design and planning

- B Design Computing/B Advanced Studies

Arts and social sciences

- B Arts
- B Arts/B Advanced Studies (International and Global Studies)
- B Arts/B Advanced Studies (Media and Communications)
- B Arts/B Advanced Studies (Politics and International Relations)
- B Economics
- B Economics/B Advanced Studies

Business

- B Commerce

Education and social work

- B Education (School and Community Education)/B Arts
- B Education (Secondary: Humanities and Social Sciences)/B Arts
- B Education (Secondary: Mathematics)/B Science
- B Education (Secondary: Science)/B Science
- B Arts/B Social Work

Engineering and IT

- B Advanced Computing
- B Advanced Computing/B Commerce
- B Advanced Computing/B Science
- B Advanced Computing/B Science (Health)
- B Advanced Computing/B Science (Medical Science)
- B Engineering Honours with Space Engineering
- B Engineering Honours/B Arts

Science, agriculture, environment and veterinary science

- B Psychology
- B Science
- B Science (Health)
- B Science (Medical Science)
- B Science/B Advanced Studies (Advanced)
- B Science/B Advanced Studies (Agriculture)
- B Science/B Advanced Studies (Animal and Veterinary Bioscience)
- B Science/B Advanced Studies (Food and Agribusiness)
- B Science/B Advanced Studies (Health)
- B Science/B Advanced Studies (Medical Science)
- B Science/B Advanced Studies (Taronga Wildlife Conservation)
- B Science/M Mathematical Sciences
- B Science/M Nutrition and Dietetics

Medicine and health

- B Arts/D Medicine
- B Arts/M Nursing
- B Science/D Dental Medicine
- B Science/D Medicine
- B Science/M Nursing
- B Science (Health)/M Nursing

‘B’ for ‘Bachelor of’; ‘M’ for ‘Master of’; ‘D’ for ‘Doctor of’. Note: courses may change. *The Languages and Mathematical Sciences programs available in these courses are optional areas of study.
Combine your interests from more than 100 study areas through our shared pool of majors and minors.

The shared pool allows you to develop expertise in a second field of study and build cross-disciplinary knowledge from a wide range of study areas outside your primary degree.

For instance, you will be able to enjoy studying science without having to give up your interest in history; or combine your major in marketing with the study of digital cultures.

The shared pool of majors and minors is available in any of the following degrees:

- combined Bachelor of Advanced Studies
- Bachelor of Advanced Computing
- Bachelor of Arts
- Bachelor of Commerce
- Bachelor of Design Computing
- Bachelor of Economics
- Bachelor of Psychology*
- Bachelor of Science
- Bachelor of Visual Arts.

*For the Bachelor of Psychology only minors are available from the shared pool.
Combine your primary major with a major or minor in one of the areas below

<table>
<thead>
<tr>
<th>Architecture, design and planning</th>
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</thead>
<tbody>
<tr>
<td>- Design</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Arts and social sciences</th>
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</thead>
<tbody>
<tr>
<td>- Agricultural and resource economics</td>
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<tr>
<td>- American studies</td>
</tr>
<tr>
<td>- Ancient Greek</td>
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<tr>
<td>- Ancient history</td>
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<tr>
<td>- Anthropology</td>
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<tr>
<td>- Arabic language and cultures</td>
</tr>
<tr>
<td>- Archaeology</td>
</tr>
<tr>
<td>- Art history</td>
</tr>
<tr>
<td>- Asian studies</td>
</tr>
<tr>
<td>- Australian literature*</td>
</tr>
<tr>
<td>- Biblical studies and classical Hebrew</td>
</tr>
<tr>
<td>- Celtic studies*</td>
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<tr>
<td>- Chinese studies</td>
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<tr>
<td>- Criminology*</td>
</tr>
<tr>
<td>- Cultural studies</td>
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<tr>
<td>- Digital cultures</td>
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<tr>
<td>- Diversity studies*</td>
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<tr>
<td>- Economic policy (not available for Bachelor of Economics students)</td>
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<tr>
<td>- Economics</td>
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<tr>
<td>- Econometrics</td>
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<tr>
<td>- English</td>
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<tr>
<td>- European studies</td>
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<tr>
<td>- Film studies</td>
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<tr>
<td>- Financial economics</td>
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<tr>
<td>- French and Francophone studies</td>
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<tr>
<td>- Gender studies</td>
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<tr>
<td>- Germanic studies</td>
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<tr>
<td>- Hebrew (modern)</td>
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<tr>
<td>- History</td>
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<tr>
<td>- Indigenous studies</td>
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<tr>
<td>- Indonesian studies</td>
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<tr>
<td>- International and comparative literary studies</td>
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<tr>
<td>- International relations</td>
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<tr>
<td>- Italian studies</td>
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<tr>
<td>- Japanese studies</td>
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<tr>
<td>- Jewish civilisation, thought and culture</td>
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<td>- Korean studies</td>
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<tr>
<td>- Latin</td>
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<tr>
<td>- Linguistics</td>
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<td>- Modern Greek studies</td>
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<tr>
<td>- Philosophy</td>
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<tr>
<td>- Political economy</td>
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<tr>
<td>- Politics</td>
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<tr>
<td>- Sanskrit*</td>
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<tr>
<td>- Social policy*</td>
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<tr>
<td>- Socio-legal studies</td>
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<tr>
<td>- Sociology</td>
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<tr>
<td>- Spanish and Latin American studies</td>
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<tr>
<td>- Studies in religion</td>
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<tr>
<td>- Theatre and performance studies</td>
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<tr>
<td>- Visual arts</td>
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<tr>
<td>- Writing studies*</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Business</th>
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<tbody>
<tr>
<td>- Accounting</td>
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<tr>
<td>- Banking**</td>
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<tr>
<td>- Business analytics</td>
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<tr>
<td>- Business information Systems</td>
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<tr>
<td>- Business law</td>
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<tr>
<td>- Finance**</td>
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<tr>
<td>- Industrial relations and human resource management</td>
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<tr>
<td>- International business</td>
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<tr>
<td>- Management</td>
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<tr>
<td>- Marketing</td>
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<table>
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<tr>
<th>Education and social work</th>
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<tbody>
<tr>
<td>- Education</td>
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<table>
<thead>
<tr>
<th>Engineering and information technology</th>
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<tbody>
<tr>
<td>- Computer science</td>
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<tr>
<td>- Information systems</td>
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<tr>
<td>- Project management</td>
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<tr>
<td>- Software development</td>
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<table>
<thead>
<tr>
<th>Medicine and health</th>
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<tbody>
<tr>
<td>- Anatomy and histology</td>
</tr>
<tr>
<td>- Applied medical science</td>
</tr>
<tr>
<td>- Health</td>
</tr>
<tr>
<td>- Hearing and speech</td>
</tr>
<tr>
<td>- Immunology*</td>
</tr>
<tr>
<td>- Immunology and pathology**</td>
</tr>
<tr>
<td>- Infectious diseases</td>
</tr>
<tr>
<td>- Neuroscience</td>
</tr>
<tr>
<td>- Pathology*</td>
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<tr>
<td>- Pharmacology</td>
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<tr>
<td>- Physiology</td>
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<table>
<thead>
<tr>
<th>Music</th>
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<tbody>
<tr>
<td>- Music</td>
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</table>

*Available as a minor only
**Available as a major only
***Previously offered as the 'Behavioural sciences' major. Title change subject to Academic Board approval.
**BROADEN YOUR SKILLS**

Build diverse skill combinations and boost your personal and professional development through our Open Learning Environment (OLE).

These short on-demand learning modules and workshops will help broaden your skillset and extend your knowledge by exploring other fields of study such as arts and social sciences, business, engineering and information technologies, medicine and health, music and science, agriculture, environment and veterinary science.

All students have access to zero credit point OLE units and you can take as many of these units as you want. In many degrees, including all liberal studies courses, you will also undertake for-credit OLE units as part of your study.

Examples of OLE units on offer in 2018 include:

- Analysing and plotting data: Python
- Business entrepreneurship: guerrilla tactics
- Digital communication: sound
- Digital influence through social media
- Experience China
- Student leadership: peer mentoring
- The science of health and wellbeing
- Understanding web skeletons and skins.
Collaborate with businesses, community organisations and government bodies – both in Australia and around the world – to work on entrepreneurial, industry and community projects that address real-world problems and issues.

Working with students from across the University, you will develop your networks and deepen your critical thinking, problem-solving and communication skills as you tackle some of the most complex challenges of our time. The projects are open to third-year and fourth-year students who meet the eligibility requirements, and are taken as elective units.

A snapshot of our previous projects

**Woolworths digital innovation project** – students developed a vision for future shopping environments, both physical and digital, to improve the experiences of customers and staff.

**NSW Department of Parliamentary Services** – students provided parliamentary research briefs on the use of drones and on social media and the law.

**Sydney Exoneration Project** – psychological research into memory and testimony is applied to real-life claims of wrongful convictions.

Some of our business partners in 2018

- Accenture
- AGL
- Allianz
- Art Gallery of NSW
- Bain and Company
- Blackmores
- CareerSeekers
- City Recital Hall
- CSIRO’s Data61
- DXC Technology
- Glebe Community Development Centre
- NSW Farmers Association
- NSW Police
- Parliament NSW
- NSW Parliamentary Library
- PwC
- Public Service Commission
- Randstad
- Swisslog
- Thales
- Westmead
- Westpac

sydney.edu.au/interdisciplinary-projects
Our placement and exchange opportunities will set you up for a global career as you develop the cultural competencies and confidence to work effectively across borders.

By 2020 we aim to have 50 percent of our students undertake an international experience as part of their studies, with scholarship funding available for at least half of these students.

Get a global education. Opportunities include:

- 128 partner universities that are ranked in the top 200 worldwide*
- short-term, semester and year-long program options
- overseas field schools such as the Sydney Southeast Asia Centre’s multidisciplinary schools, where you could tackle real-world problems in Cambodia, Indonesia, Laos, Singapore, Timor-Leste and Vietnam
- intensive in-country Open Learning Environment units where you study language and culture at a partner university in Asia, the Pacific, Europe or North Africa
- short-term summer programs at prestigious universities like Harvard, Yale and London School of Economics
“At the end of my second year of university, I went on exchange to Denmark as part of the MADE by the Opera House program. The opportunity to use the skills I’ve learnt at university in a new setting in a different country was incredible. The experience has made me more confident and outgoing, and has provided me with a global perspective of my discipline. I know that it will continue to enrich my studies and career well into the future.”

Deirdre Mair
Engineering (Civil)/Design in Architecture

74
partners in North America

38
partners in the United Kingdom and Ireland

120
partners in Europe

8
partners in Latin America

6
partners in the Middle East

54
partners in the Asia-Pacific region

We offer financial support for your overseas experience through travel scholarships and grants in excess of $4.2 million, as well as government funded OS-HELP loans. Make the most of your time abroad via the Global Citizenship Award – an extracurricular internationally focused leadership development program. Visit our website to learn more.

Our study abroad and exchange programs
- sydney.edu.au/study/overseas-exchange

Our exchange scholarships
- sydney.edu.au/scholarships/current/exchange

The Global Citizenship Award
- sydney.edu.au/sydney-abroad/gca

*Times Higher Education World University Rankings 2018

Note: Partner university figures are indicative only. For the most up to date list of partner universities visit sydney.edu.au/study/overseas-exchange
“I was drawn to the high standard of academic staff — my tutors were often leaders in their field. I was also attracted to the extracurricular opportunities. The University has exchange partners all around the world, an extensive clubs and societies list, opportunities to have your work published in student newspapers and blogs, and so much more.

“I have also been fortunate enough to undertake several internships including work as a Junior Policy Associate at the China Studies Centre, which built on my academic research skills and gave me a deeper understanding of Chinese politics.”
“A degree at Sydney prepares you for industry by finding a healthy balance between theory and practical application. These practical skills are highly beneficial when you’re building systems that have to work reliably in the real world.”

Dr Daniel Wilson
University of Sydney graduate – Bachelor of Engineering Honours (Mechatronic), PhD (Aerospace Engineering). One of Australia’s top 50 engineering innovators 2017. CEO of OCI Technologies.
University is more than what happens in the classroom. With 200 clubs and societies, including 26 cultural groups, and 130+ nationalities on campus, there’s something for everyone. Make the most of it.

There is also a huge range of facilities, programs and campus events to keep you healthy and active during your time at University. You can get involved in athletics, swimming, tennis, soccer, rugby union and more.

To find out more about clubs and societies, visit − www.usu.edu.au

To find out more about sport and fitness, visit − www.susf.com.au
STUDENT SUPPORT SERVICES

When you get to the University of Sydney, you’ll have plenty of help. Here are just a few of the ways we support your health, wellbeing and academic achievement.

Aboriginal and Torres Strait Islander support
Alternative entry pathways
Academic enrichment and orientation program
Peer mentor support
Tutorial assistance
Cultural support and safe spaces

Academic enrichment
Bridging courses
Online learning resources
Drop-in support
Mathematics learning support

Accommodation
On-campus student housing
Residential colleges
Off-campus living
Thriving communities

Career support
Career advice and development
Employability skills workshops
Meet employers at careers fairs and events
Sydney CareerHub, an online jobs database

Childcare information
Advice about childcare on and near campus

Disability services
Assistive technology
Lecture support
Building access and accessible facilities
Academic adjustments
Accessible formatting

Health and wellbeing
Doctors
Pharmacists
Dentists
Optometrists
Physiotherapists
Psychologists

Mental health
Clinical psychologists and counsellors
Mental health support
Workshops for success
Resilience training

Multifaith chaplaincy
Chaplains from 15 faith groups for on-campus consultations
Dedicated prayer rooms

Orientation and arrival sessions
Welcome to university
Settling into Sydney
Information on support services
Meet fellow students and staff
Adjusting to study life

For more information and to access our student support services visit:
sydney.edu.au/campus-life
Living on or close to campus can enhance your university experience.

There are a number of accommodation options for you to choose from, including:
- University residences
- residential colleges
- independently-run student housing.

Our Accommodation Services website is a great place to get started. You will find helpful advice on where to live, expected costs, and accommodation options on and off campus. This service also allows you to register for University-owned housing.

sydney.edu.au/accommodation
Camperdown/Darlington Campus

University residences ($205 – $431 per week)
University residences are on campus and managed by University Accommodation Services. They are available to undergraduate and postgraduate students. Note: Selle House is for postgraduate students only.

<table>
<thead>
<tr>
<th>Key</th>
<th>Places</th>
<th>Gender</th>
<th>Phone</th>
<th>Website</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Abercrombie</td>
<td>200</td>
<td>F, M</td>
<td>+61 2 9351 3322</td>
</tr>
<tr>
<td>2</td>
<td>Darlington House</td>
<td>54</td>
<td></td>
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</tr>
<tr>
<td>3</td>
<td>Queen Mary Building</td>
<td>799</td>
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</tr>
<tr>
<td>4</td>
<td>Regiment</td>
<td>600</td>
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<tr>
<td>5</td>
<td>Selle House</td>
<td>14 (PG only)</td>
<td></td>
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</tr>
<tr>
<td>6</td>
<td>Terraces</td>
<td>78</td>
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</tr>
</tbody>
</table>

Residential colleges ($397 – $687 per week)
Residential colleges are on campus but externally managed to provide options to suit your needs.

<table>
<thead>
<tr>
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<tr>
<td>7</td>
<td>International House</td>
<td>200</td>
<td>F, M</td>
<td>+61 2 9950 9800</td>
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<tr>
<td>8</td>
<td>Mandelbaum House</td>
<td>36</td>
<td>F, M</td>
<td>+61 2 9692 5200</td>
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<tr>
<td>9</td>
<td>Sancta Sophia College</td>
<td>170 (UG) 128 (PG)</td>
<td>F (UG/PG) M (PG)</td>
<td>+61 2 9577 2100</td>
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<tr>
<td>10</td>
<td>St Andrew’s College</td>
<td>285</td>
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<td>+61 2 9565 7300</td>
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<tr>
<td>11</td>
<td>St John’s College</td>
<td>252</td>
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<td>+61 2 9394 5000</td>
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<tr>
<td>12</td>
<td>St Paul’s College</td>
<td>300</td>
<td>F (PG) M (UG/PG)</td>
<td>+61 2 9550 7444</td>
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<tr>
<td>13</td>
<td>Wesley College</td>
<td>260</td>
<td>F, M</td>
<td>+61 2 9565 3333</td>
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<tr>
<td>14</td>
<td>The Women’s College</td>
<td>280</td>
<td>F</td>
<td>+61 2 9517 5000</td>
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</table>

Independently run student housing ($90 – $649 per week)
Independently run accommodation close to campus provides options to undergraduate and postgraduate students.

<table>
<thead>
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<td>Sydney University Village</td>
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<td>+61 2 9036 4000</td>
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<td>19*</td>
<td>Stucco</td>
<td>40</td>
<td>F, M</td>
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</table>

Camden and Cumberland campuses

University residences ($140 – $335 per week)
The Camden and Cumberland campuses University residences are managed by the University Accommodation Services and are available to undergraduate and postgraduate students.

<table>
<thead>
<tr>
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<th>Website</th>
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</thead>
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<tr>
<td>*</td>
<td>Nepean Hall (Camden)</td>
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</tr>
<tr>
<td>*</td>
<td>Nepean Lodge (Camden)</td>
<td>98</td>
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<td>+61 2 9351 1645</td>
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<td>*</td>
<td>Yannadah (Cumberland)</td>
<td>39</td>
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</tr>
</tbody>
</table>

* Located outside boundary of map.

Important fee information
The accommodation fees listed are intended as a guide for students and are based on 2018 fees for new students. They are correct at the time of printing to the best of the University of Sydney’s knowledge. Students should contact the individual accommodation providers for detailed and up-to-date information, including additional costs and fees. Please note that some colleges charge non-refundable application fees. Students are also advised that some residences have 52-week contracts, while others only provide accommodation during semester.
“Go confidently in the direction of your dreams. Live the life you have imagined.”

Henry David Thoreau (1817–1862)
American author, poet, philosopher, abolitionist, naturalist, surveyor, historian
University study isn’t simply about gaining credentials. It’s about investing your time in the investigation and discovery of what it is you really like doing.

Start by thinking about what subjects interest you, as well as how you like to learn and what you want from your university experience.
Career pathways

- Architect
- Building designer
- Construction manager
- Data visualisation specialist
- Design manager
- Front-end developer
- Interaction designer
- Lighting designer
- Property and real estate developer
- Project manager
- Service designer
- Sustainability manager
- Urban planner
- User-experience (UX) designer

Invent with intent. When you study at Sydney, you’ll combine creative flair with finely tuned technical skills to shape the spaces, services and experiences – both physical and digital – in which we live, work and play.

- sydney.edu.au/courses/architecture

“I was encouraged to apply for an internship at Google and I’m now a user experience designer in the Android Google Maps team. We work with researchers and engineers to design new products and features. It’s heaps of fun.”

Sophie Gardner
Bachelor of Design Computing
Scholarships and activities: Internship with Google
Graduate ready for a global career

We strive for intellectual excellence, creative development and critical thinking. As a student, you will refine and bring to life your designs in specialist facilities and experience 3D printing, laser cutting, CNC routers, wood-turning, model-making and design workshops.

You’ll have the opportunity to expand your architectural and design education outside the classroom with international experience through placements and internships, and by engaging with our partners across the built environment and interactive design industries. By studying with us you’ll develop big-picture thinking and work towards answering global challenges. You’ll graduate ready for a career that is creatively driven and technically challenging.

Sample course structure: Bachelor of Architecture and Environments

Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/architecture

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Design Processes and Methods</td>
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<tr>
<td>2</td>
<td></td>
<td>Empirical Thinking</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>Design Integration Lab: Materials</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Design Integration Lab: Energy</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Architectural Technologies 3</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Property and the Built Environment</td>
</tr>
</tbody>
</table>
Career pathways

- Anthropologist
- Archaeologist
- Artist
- Business administrator or manager
- Economist
- Editor or publisher
- Foreign affairs and trade officer
- Government policy officer
- Heritage specialist
- Journalist
- Museum or gallery curator
- Policy adviser
- Public relations manager
- Researcher
- Sociologist
- Teacher
- Translator

In the arts and social sciences, we’re all about ideas. Whether in the classroom, on an industry placement or overseas exchange, you will bring your intellectual curiosity to bear on some of the most complex issues and questions of the 21st century.

– sydney.edu.au/courses/arts

Learn from renowned experts across more than 45 subjects.

We’re ranked 15th in the world for studies in the arts and humanities.*

“I always wanted to build a business and to create something new. Interestingly, studying philosophy gave me the tools and mindset to build and manage a business effectively. I don’t think I’d have the competence or wisdom to do what I’m doing now without my learning experience at the University of Sydney.”

Adam Jacobs
Co-Founder and Managing Director, theiconic.com.au
Arts and Social Sciences graduate (2007)
**Graduate equipped for countless careers**

At Sydney, you’ll develop the skills to think rigorously, assess assumptions, develop strategies and test ideas against evidence. You will learn from outstanding scholars across more than 45 subject areas of your choosing, from anthropology, digital cultures and economics to languages, linguistics and sociology.

The strong communication and critical thinking skills you will gain at Sydney can take you around the world and to any workplace. Through our placement opportunities with leading organisations and our exchange programs with 300 partner universities, you can gain international experience and build your professional network while you study.

Our alumni have become leaders in their fields, including five prime ministers, one Nobel laureate, one Pulitzer Prize winner and an astronaut. What will you achieve?

**Why arts and social sciences at Sydney?**

- We are ranked 15th in the world for studies in the arts and humanities.*
- We offer the most comprehensive range of humanities and social sciences subjects in Australia.
- Our dual degrees with Sciences Po in France provide the opportunity to study at two of the world’s leading institutions for the humanities and social sciences.

Refer to the A to Z course table on pages 52 to 77 to find out about our arts and social sciences degrees.

*QS World University Rankings by Subject 2017

**Do you have artistic talent?**

Sydney College of the Arts has been Sydney’s premier training ground for contemporary visual artists for more than 40 years. Our hands-on degrees focus on developing the conceptual, theoretical and technical skills needed to succeed as a practising artist.

---

**Sample course structure: Bachelor of Arts/Bachelor of Advanced Studies, with majors in cultural studies and sociology, and a minor in socio-legal studies**

Note: Course structure is indicative only, for more information visit [sydney.edu.au/courses/arts](http://sydney.edu.au/courses/arts)

<table>
<thead>
<tr>
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<th>Units of Study</th>
<th>Year</th>
<th>Semester</th>
<th>Units of Study</th>
<th>Year</th>
<th>Semester</th>
<th>Units of Study</th>
<th>Year</th>
<th>Semester</th>
<th>Units of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Introduction to Cultural Studies</td>
<td>1</td>
<td>1</td>
<td>Introduction to Film Studies</td>
<td>1</td>
<td>1</td>
<td>Introduction to Sociological Theory</td>
<td>1</td>
<td>1</td>
<td>Cultural Studies Advanced Coursework</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Screen Cultures and Gender: Film to Apps</td>
<td></td>
<td>2</td>
<td>Hollywood: Art, Industry, Entertainment</td>
<td></td>
<td>2</td>
<td>Law and Contemporary Society</td>
<td></td>
<td>2</td>
<td>Cultural Studies Advanced Coursework</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Representing Race and Gender</td>
<td>2</td>
<td>2</td>
<td>Postmodernism</td>
<td>2</td>
<td>1</td>
<td>Using Cultural Theory</td>
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<td>2</td>
<td>Cultural Studies Advanced Coursework</td>
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<td>2</td>
<td>Youth and Youth Culture</td>
<td></td>
<td>2</td>
<td>Writing for the Digital World</td>
<td></td>
<td>2</td>
<td>Everyday Life: Theories and Practices</td>
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<td>2</td>
<td>Cultural Studies Advanced Coursework</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Using Cultural Theory</td>
<td>3</td>
<td>2</td>
<td>The Social Life of Policy</td>
<td>3</td>
<td>1</td>
<td>Social Justice, Law and Society</td>
<td>3</td>
<td>2</td>
<td>Screening Europe: After 1989</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>The Social Life of Policy</td>
<td></td>
<td>2</td>
<td>Interdisciplinary Impact in Cultural Studies</td>
<td></td>
<td>2</td>
<td>Interdisciplinary Impact in Sociology</td>
<td></td>
<td>2</td>
<td>Sociology of Culture</td>
</tr>
</tbody>
</table>

- Major 1
- Major 2
- Minor
- Elective
- Open Learning Environment (OLE)
- Advanced coursework (4000-level units and above)
Career pathways

- Accountant
- Big data specialist
- Business analyst
- Corporate/government relations officer
- Customer relationship manager
- Digital marketing/social media specialist
- Enterprise architect
- Entrepreneur
- Financial dealer and broker
- Human resources specialist
- International business consultant
- Investment banker
- Management consultant
- Marketing/advertising executive
- Policy adviser
- Project manager
- Regulation and compliance specialist
- Stock trader
- Tax adviser

At Sydney, you can look forward to a wealth of opportunities across diverse industries. You'll gain the skills to succeed in business or build your own start-up, and you'll graduate equipped to become a leader and drive change with social, environmental and commercial impact. Your global business journey starts here.

- sydney.edu.au/courses/business

"Studying at the Business School gave me the best possible foundation to secure a competitive graduate position in the investment banking industry after graduating. I wouldn’t be where I am today without the experience and education I received at the University of Sydney."

Elicia McDonald
Investment Associate, AirTree Ventures
Bachelor of Commerce (Honours) 2010
Extracurricular activities: President of the Financial Management Association of Australia at the University of Sydney
Graduate career-ready

Meet the future demands of business with one of our degrees, developed in partnership with industry leaders. Gain advanced technical knowledge, as well as adaptability, resilience, and strong skills in communication, critical thinking and leadership, that will prepare you for a global career.

You will gain the skills needed to succeed in business or become an entrepreneur, and apply problem-solving skills to cross-disciplinary team projects and case-based learning. Put these skills into practice outside the classroom by working for a leading organisation, with placements available in Australia and around the world.

Why business at Sydney?

You can choose from a large range of business majors including accounting, banking, business analytics, business information systems, business law, finance, industrial relations and human resource management, international business, management and marketing.

Our offerings are consistently ranked among the best in Australia and around the world. We are ranked in the top 20 universities in the world in the discipline of Accounting and Finance, and in the top 40 in Business and Management.*

Refer to the A to Z course table on pages 52 to 77 to find out about our business courses.

*QS World University Rankings by Subject 2017

Sample course structure: Bachelor of Commerce/Bachelor of Advanced Studies, Professional Accounting program with a major in finance

Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/business

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Future of Business</td>
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<td>1</td>
<td>Leading and Influencing in Business</td>
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<td>2</td>
<td>Digital Influence through Social Media</td>
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<tr>
<td>3</td>
<td>1</td>
<td>Financial Accounting B</td>
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<td>2</td>
<td>Accounting and Auditing in Practice</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Elective (4000-level advanced coursework unit)</td>
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<tr>
<td></td>
<td>2</td>
<td>Project unit (12 credit points), such as Research Project, Community Project, Industry Project or Entrepreneurship Project</td>
</tr>
</tbody>
</table>
EDUCATION AND SOCIAL WORK

Career pathways
- Careers adviser
- Community liaison officer
- Corporate trainer
- Counsellor
- Curriculum developer
- Early childhood teacher
- Human rights advocate
- International aid worker
- Primary teacher
- Secondary teacher
- Social policy analyst
- Social worker

Make a world of difference through teaching or social work. At Sydney you’ll explore ideas and issues in your chosen field to become a highly informed practitioner and lifelong learner.

- sydney.edu.au/courses/education-social-work

“As a student, I loved being part of a community that dedicated itself to considering the big issues that our society and culture face.

“Since then, I’ve always sought to be the kind of teacher who cares about students first and subjects second.”

Eddie Woo
Head Teacher Mathematics, Cherrybrook Technology High School; founder of Wootube; Australia’s Local Hero 2018 (Australian of the Year Awards)
Bachelor of Education (Secondary: Mathematics) (Honours) 2008
Activities: member of the Education and Social Work Students Society
Develop the next generation of thinkers

Engage minds and ignite the creativity of the next generation as a Sydney graduate. We offer education degrees for early childhood, primary and secondary teaching with diverse specialisations including Aboriginal studies, biology, business studies, chemistry, commerce, drama, economics, English, geography, health and physical education, history, mathematics, music, languages, physics and teaching English to speakers of other languages (TESOL).

Make a difference in the community

Our social work degree prepares you to change lives for the better. You will develop skills in policy development, frontline social care, counselling, advocacy and community development. As a graduate, you will be a versatile and highly skilled practitioner who can translate professional values into action to support people in our communities who are in need.

Why education and social work at Sydney?

- We are ranked 11th in the world for education.*
- We have built strong links with practitioners from both the education and social work fields and emphasise practical experience so our students have the opportunity to apply their theoretical knowledge and gain hands-on professional experience.
- Our degrees are recognised in Australia and overseas, so your skills will be widely sought after and versatile.
- Our teacher education degrees are accredited by the NSW Education Standards Authority (NESA).**
- Our social work degrees are accredited by the Australian Association of Social Workers (AASW).

Refer to the A to Z course table on pages 52 to 77 to find out about our education and social work courses.

*QS World University Rankings by Subject 2017
**The Bachelor of Education (Early Childhood) is listed under the Australian Children’s Education and Care Quality Authority (ACECQA) approved qualification list.

Sample course structure: Bachelor of Education (Secondary: Humanities and Social Sciences)/Bachelor of Arts (Ancient History, Latin)

Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/education-social-work

<table>
<thead>
<tr>
<th>Year</th>
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<th>Units of Study</th>
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<tr>
<td>1</td>
<td>1</td>
<td>Education, Teachers and Teaching</td>
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<td>Age of Empires</td>
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<td>Foundations for Ancient Rome</td>
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<td>Human Development and Education</td>
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<td>Civilisations of the Ancient World</td>
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<td>Second Teaching Area Curriculum unit 1 (Latin)</td>
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<td>Pompeii and Herculaneum</td>
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<td>1</td>
<td>First Teaching Area Curriculum unit 2 (Ancient History)</td>
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<td>Second Teaching Area Curriculum unit 2 (Latin)</td>
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<td>Information Technology in Schools</td>
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<td>Pedagogy and Professional Practice 2</td>
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<td>3</td>
<td>First Teaching Area Curriculum unit 3 (Ancient History)</td>
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<td></td>
<td>Second Teaching Area Curriculum unit 3 (Latin)</td>
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<td>Indigenous Education: Secondary Schools</td>
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<td>Pedagogy and Professional Practice 3</td>
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<td>Professional Experience B</td>
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<td>Reading and Applying Educational Research; OR Education Honours Preliminary</td>
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<td>Positive Approaches to Special Education</td>
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<td>Historiography Ancient and Modern</td>
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<td>Cultural Competence: Fundamentals</td>
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<td>Professionalism in the Workplace</td>
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<td>2</td>
<td>Education III Optional Unit of Study; OR Education Honours Dissertation</td>
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<td>Internship</td>
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<td>Secondary Education Year 5 elective (12cp(s))</td>
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</tbody>
</table>
ENGINEERING AND INFORMATION TECHNOLOGIES

Career pathways
- Aircraft/aerospace engineer
- Biomedical engineer, implantable and external medical device manufacturer
- Chemical engineer, agribusiness and food production; cosmetic or pharmaceutical production
- Civil engineer, innovative building design; humanitarian projects in disaster recovery; government and public policy
- Computer programmer
- Computer systems analyst, retail data systems
- Electrical engineer, mobile communications systems; renewable energy generation
- Mechanical engineer, vehicle and engine design; logistics and transport industries
- Mechatronics engineer, robotics; automation; smart infrastructure
- Project manager, events, construction, banking and finance industries
- Software developer
- Transport engineer
- Web developer, including user interface design

Make a powerful impact to improve the lives of people around the world with a degree in engineering, project management or advanced computing. From AI to space travel, engineers, project managers and IT professionals develop innovative and sustainable solutions to society’s greatest problems.

75 percent of the fastest-growing occupations need STEM skills and knowledge.*

We award more than $8 million in engineering and computing scholarships every year.

“To be able to provide safe drinking water, inexpensive medicines and cleaner energy is so empowering. I was drawn to the fact that there is so much potential for humanitarian engineering using the knowledge gained from this degree.”

Lucy Parsons
Bachelor of Engineering Honours (Chemical and Biomolecular)
Prepare yourself for a future-focused career

Choose from our broad range of engineering, project management and computing degrees and you could have the opportunity to make a visible and lasting impact on the world around us. Our students work closely with leading academics, researchers and industry partners to create smarter ways of running our planet, combining technical expertise with hands-on experience to develop innovative, creative and sustainable solutions.

Our students undertake a 12-week internship during their degree, providing invaluable industry experience and opportunities to forge connections with our network of more than 1200 industry, not-for-profit and government organisations across engineering, computing and project management.

Join the ranks of our successful graduates who’ve made their mark on the world – from the invention of wi-fi to an injectable hydrogel that could make open surgery a thing of the past.

Why engineering and information technologies at Sydney?

- We are ranked in the top 3 universities in Australia for engineering and technology.**
- Our fantastic new multimillion-dollar engineering precinct is now underway.
- We have the largest biomedical engineering program of its kind in the southern hemisphere.
- More than double the national average of women study engineering, computing and project management with us.***

Refer to the A to Z course table on pages 52 to 77 to find out about our engineering, project management and information technologies courses.

Sample course structure: Bachelor of Engineering (Mechatronic)

Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/engineering-IT

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Degree core</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Linear Algebra</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Statistics</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Mechatronics 2</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Mechanical Design 1</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Manufacturing Engineering</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Mechatronic Systems Design</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Thesis A</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Thesis B</td>
</tr>
</tbody>
</table>

* Australian Industry Group report 2013
** QS World University Rankings by Subject 2017
*** http://highereducationstatistics.education.gov.au
Studying law at Sydney will give you the skills in research, analysis and persuasive communication that will qualify you to be a successful lawyer. Your expertise will be highly transferable in the global marketplace.

LAW

Career pathways
Legal
- Barrister
- Judge
- Magistrate
- Solicitor

Non-legal
- Diplomacy
- Foreign affairs
- Human rights
- International relations
- Investment banking
- Journalism
- Management consultancy
- Project management
- Public policy
- Research and development

Studying law at Sydney will give you the skills in research, analysis and persuasive communication that will qualify you to be a successful lawyer. Your expertise will be highly transferable in the global marketplace.

With more than 150 years of research-led education, we’re ranked 13th in the world for law.*

Study law in combination with an arts, commerce, economics, engineering or science degree.

“Sydney Law School has instilled in me a critical way of thinking to approach problems and issues. I was placed as an intern at the Shopfront Youth Legal Centre, a free legal service for disadvantaged youth and young people.

“This internship allowed me to develop my skills in dealing with clients, while helping me to bridge the gap between my theoretical learning and my practical skills.”

Jared Webster
Lawyer, Clayton Utz
Bachelor of Economics/Laws 2013
Scholarships and activities: Exchange trip to Vienna, Austria; intern at the Shopfront Youth Legal Centre; travelled to Japan for a mooting competition
Create change in a global environment

At Sydney Law School, you will learn from globally recognised legal educators and highly respected professional practitioners.

Together with another degree of your choosing, you will develop critical thinking skills, the capacity for deep, evidence-based analysis and problem solving, and a thorough grounding in professional ethics. These skills are highly sought after in our graduates.

Our Bachelor of Laws (LLB) and Juris Doctor are the only Australian law degrees that require the completion of two units of study in international law. You can expand your studies through our overseas electives or study with one of our global partners, including Harvard, Cambridge, Oxford, the Sorbonne, Renmin and Tsinghua.

Our alumni can be found in legal and non-legal roles around the world and include prime ministers, High Court judges and a president of the World Bank.

Why law at Sydney?

- As one of the world’s leading law schools, we are ranked 13th in the world for law.*
- Gain an internationally relevant legal education with overseas opportunities at one of our global partners, including our pathway programs with Oxford and Cambridge.
- Our social justice activities allow you to apply your classroom knowledge to real-world cases.
- Our purpose-built facilities include a dedicated Law Library and Moot Court.
- Sydney Law School is the only law school in the world to win the prestigious Philip C. Jessup International Law Moot Court Competition five times, including in 2017.

Refer to the A to Z course table on pages 52 to 77 to find out about our law courses.

* QS World University Rankings by Subject 2017

Sample course structure: Bachelor of Arts (global studies major)/Bachelor of Laws

Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/law

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Introduction to International and Global Studies</td>
<td>Introduction to Sociology I</td>
<td>History Workshop</td>
<td>Foundations of Law, Legal Research I*</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>The Making of the Global Order</td>
<td>Global America</td>
<td>Design Theory and Culture</td>
<td>Torts</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>The End of Empire and the New States</td>
<td>Power and Identity in a Global Era</td>
<td>Civil and Criminal Procedure</td>
<td>Contracts</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>The Dynamics of Global Economy</td>
<td>Transnational Actors and Networks</td>
<td>Criminal Law</td>
<td>Cross-Cultural Communication</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Social Movements in the Global South</td>
<td>Global Studies in Interdisciplinary Contexts</td>
<td>Indonesian 1A</td>
<td>Public International Law, Legal Research II*</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Conflict and its Consequences</td>
<td>Global Ethics: Philosophy</td>
<td>Torts and Contracts II</td>
<td>Public Law</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Administrative Law</td>
<td>Federal Constitutional Law</td>
<td>Introduction to Property and Commercial Law</td>
<td>The Legal Profession</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Corporations Law</td>
<td>Equity</td>
<td>Evidence</td>
<td>Real Property</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Private International Law A</td>
<td>Advanced Public International Law</td>
<td>Social Justice Legal Clinic A</td>
<td>Criminology</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>World Trade Organisation Law I</td>
<td>Philosophy of International Law</td>
<td>Anti-Discrimination Law</td>
<td>International Human Rights Law</td>
</tr>
</tbody>
</table>

*Core unit ☑ Major ☐ Elective ☐ Open Learning Environment (OLE)

*Legal Research I and Legal Research II are zero credit point units but are compulsory examinable units which count towards the first degree in the combined Law program.
Career pathways

- Biomedical engineer
- Dentist
- Diagnostic radiographer
- Doctor
- Exercise and sport scientist
- Exercise physiologist
- Health policy
- Health management
- Indigenous health
- International aid and development
- Occupational therapist
- Oral health specialist
- Pharmaceutical representative
- Pharmacist
- Physiotherapist
- Registered nurse
- Rehabilitation counsellor
- Speech language pathologist

Pursue your future in health and choose from the largest range of health degrees of any Australian university. Our graduates go on to improve lives, for individuals and families as well as local and global communities.

- sydney.edu.au/courses/medicine-and-health

“The University of Sydney is ranked No. 1 in Australia for medicine, anatomy and sports-related disciplines.”

Medicine and health are the most employable graduate sectors in Australia.”

—

“No single day is ever the same. I thrive in a fast-paced, challenging environment, so the emergency department is the place to be if you enjoy the adrenaline rush. I get a lot of satisfaction each day at work knowing that I’ve contributed to improving someone’s health and wellbeing.”

Ryan Catahan
Nursing (Advanced)
Emergency nurse, Westmead Hospital
Join one of the fastest-growing sectors

Doctors, dentists, nurses, pharmacists, and health professionals of all kinds are in constant demand in Australia and around the world. The study of health offers broad choice and clear career progression, with many rewarding pathways. At Sydney, you'll learn from experts, academics and students from other disciplines to develop a range of invaluable skills, from patient interaction to teamwork, leadership and research.

Early on in your degree you will gain hands-on experience in various healthcare settings – from our modern simulation facilities to our clinical schools in urban and rural locations or with our extensive network of industry partners in Australia and overseas.

Our alumni combine finely tuned scientific expertise with the ability to help people in all kinds of settings, from homes, clinics and hospitals, to crisis zones around the world. You'll graduate ready to join them.

Bachelor of Science (Health)

The new cross-disciplinary Bachelor of Science (Health) will provide you with a thorough foundation in health sciences and the flexibility to undertake a second major across areas including arts and social sciences, commerce, design computing or science. Choose your own path and tailor your health-based degree to your interests.

Why medicine and health at Sydney?

- We offer the broadest range of health degrees of any Australian university.
- We are ranked first in Australia for medicine, anatomy and sports-related disciplines.*
- We are ranked second in Australia for nursing.*

Refer to the A to Z course table on pages 52 to 77 to find out about our medicine and health courses.

*QS World University Rankings by Subject 2017
**2017 Graduate Outcomes Survey

Sample course structure: Bachelor of Applied Science (Physiotherapy)

Note: This is a professional degree and follows a specific study pattern. Course structure is indicative only, for more information visit sydney.edu.au/courses/medicine-and-health

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Functional Musculoskeletal Anatomy A</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Functional Musculoskeletal Anatomy B</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Motor Control and Learning</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>PT in Musculoskeletal Conditions B</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>PT in Musculoskeletal Conditions C</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Clinical Practicum B</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Advanced Professional Practice A</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Advanced Professional Practice B</td>
</tr>
</tbody>
</table>

*Students in the honours program enrol in three specific honours units (A, B and C) in years three and four in lieu of the elective units.
*Senior students have the opportunity to participate in an international experience in locations in Vietnam, Cambodia, India and the Philippines.
The Sydney Conservatorium of Music has been at the centre of Sydney’s cultural history for more than 100 years. Through our flexible courses you can focus on diverse areas such as composition, contemporary music, musicology, performance or music education.

Career pathways
- Arts administrator
- Audio engineer
- Chamber/orchestral musician
- Concert soloist
- Conductor
- Contemporary or jazz musician
- Digital music composer
- Event producer
- Film score composer
- Interactive music designer
- Music journalist
- Music producer
- Music researcher
- NSW accredited classroom music teacher
- Opera singer

“The Sydney Conservatorium of Music gave me the space to create my own experiences, accommodating my orchestral projects in Australia and overseas, which was enormously beneficial to my musical development and without which I would not be where I am today.”

Toby Thatcher
Assistant Conductor, Sydney Symphony Orchestra
Bachelor of Music (Performance, oboe) 2011

Graduate with a degree from the University of Sydney.
The best facilities to study music in the Asia-Pacific region; just a short stroll to the Sydney Opera House.
Immerse yourself in music

Studying at the Conservatorium will help define your career and shape you as a person. You will be mentored by leaders across all areas of music. You’ll expand your creative thinking and musical tastes and hone your analytical and listening skills by choosing to focus on one area of expertise or exploring a range of options.

We collaborate with many leading international music conservatories and universities, providing you with the opportunity for exchanges, and we welcome various international artists for you to learn from. Our graduates have become outstanding musicians, composers, teachers, scholars and members of great bands and orchestras around the world. At the Conservatorium you will form musical partnerships that last a lifetime.

From Haydn to hip-hop, film scores and jazz, you can enjoy a breadth of musical study that will prepare you for a broad range of careers.

Why music at Sydney?

− The Conservatorium offers the best facilities to study music in the Asia-Pacific region and is just a short stroll from the Sydney Opera House.
− A proud history of musical excellence coupled with a future-focused outlook.
− A range of choices in your degree progression, flexible study options, and a variety of training opportunities.
− Learn from award-winning scholars and acclaimed musicians with contacts in the music industry around the world.
− Expertise in performance and composition, musicology, music education, and Indigenous and Asian ethnomusicology.

Refer to the A-to-Z course table on pages 52 to 77 to find out about our music courses.

Sample course structure: Bachelor of Music (Performance) – orchestral instrument major

Note: Course structure is indicative only; for more information visit sydney.edu.au/courses/music

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Units of Study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Principal Study 1, Music Theory and Aural Skills, Orchestral Studies 1, Analysis, History and Culture Studies</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Principal Study 2, Music Theory and Aural Skills, Orchestral Studies 2, Foundation studies</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Principal Study 3, (extended), Music Theory and Aural Skills, Orchestral Studies 3, Analysis, History and Culture Studies</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Principal Study 4, (extended), Music Theory and Aural Skills, Orchestral Studies 4, Analysis, History and Culture Studies</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Principal Study 5, (extended), Orchestral Studies 5, Chamber Music 1, Teaching Music / Pedagogy</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Principal Study 6, (extended), Orchestral Studies 6, Chamber Music 2, Recital Preparation or free choice elective</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Project 1A, Project-related elective, Free choice elective</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Project 2A, Project-related elective, Free choice elective</td>
</tr>
</tbody>
</table>

* Common to all undergraduate music degrees
Career pathways
- Agricultural consultant
- Astronomer
- Commodity trader
- Environmental scientist
- Food technologist
- Hydrologist
- Livestock manager
- Mathematician
- Medical scientist
- Nanoscientist
- Nutritionist
- Plant geneticist
- Psychologist
- Veterinarian

At Sydney we’ve united our expertise in areas like psychology, food science and nanoscience, as well as animal and human health, to offer you the broadest possible choice. Alongside biology, chemistry and physics, we have new courses in conservation and mathematics.

- sydney.edu.au/courses/science

We are ranked 1st in Australia and 11th in the world for Veterinary Science.*

Learn with experts at Sydney Nano and the Charles Perkins Centre.

“I love looking down a microscope into a completely different world — one that is invisible to the naked eye, yet has a vast impact on our lives. Don’t come into university with a rigid mindset, but allow yourself to discover and seek the path of learning that is most interesting to you.”

Liam Ferguson
Science (majoring in microbiology)

* QS World University Rankings by Subject 2017
Think big: a world of opportunity

Science has always been at the centre of humanity’s attempts to understand the world and make it a better place, but never has the rate of advancement been as rapid or as exciting as it is now. Studying science at Sydney can take you from unravelling the mysteries of the cosmos to creating new materials or feeding the world. You could be part of the global solution to water, energy and sustainability issues and tackle other real-world problems that impact on millions of lives.

Science inspires curiosity, cultivates a love for learning and fosters strong problem-solving skills. At Sydney you can combine your study of science with other disciplines, such as music, history or languages. There are plenty of opportunities to diversify your degree, especially with the combined Bachelor of Advanced Studies and modular Open Learning Environment units.

Why science, agriculture, environment and veterinary science at Sydney?

Study in some of the world’s best scientific facilities, including Sydney Nano; the Charles Perkins Centre; the Westmead medical precinct; our Veterinary Hospital and Clinic; or the Plant Breeding Institute. We also have well-equipped food and agribusiness laboratories as well as our Centre for Carbon, Water and Food.

Refer to the A-to-Z course table on pages 52 to 77 to find out about our science, agriculture, environment and veterinary science courses.

Sample course structure (double major): Bachelor of Science/Bachelor of Advanced Studies (Medical Science) with majors in medical science and neuroscience

Note: Course structure is indicative only, for more information visit sydney.edu.au/courses/science

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Unit of study</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>From Molecules to Ecosystems</td>
</tr>
<tr>
<td>1</td>
<td>2</td>
<td>Human Biology</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Microbes, Infection and Immunity</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>Human Anatomy: Structure and Function</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Medical Sciences</td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Medical Science selective</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>Research, community, industry or entrepreneurship project</td>
</tr>
</tbody>
</table>
“The future belongs to those who believe in the beauty of their dreams.”

Eleanor Roosevelt (1884–1962)
politician, diplomat, activist, first lady
COURSES
A-Z
Below are the Australian Tertiary Admission Rank (ATAR) or International Baccalaureate (IB) entry scores for 2019. For courses marked with an asterix* against the score, the published scores are an indication of what you will need to gain entry in 2019. For all other courses, the entry scores listed are fixed for 2019. Find out more about fixed ATARs at sydney.edu.au/sydney-ATAR

### 2019 GUIDE TO ENTRY REQUIREMENTS
### FOR DOMESTIC STUDENTS

With more than 400 areas of study to choose from we offer an incredible breadth and depth of courses.

You can identify courses by the degree pathway:
- **Professional degree**
- **Specialist degree**
- **Liberal studies degree**
- **Combined or double degree**

'B' for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'.

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Architecture, design and planning</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† B Architecture and Environments</td>
<td>85/31</td>
<td>3</td>
<td>54</td>
</tr>
<tr>
<td>† B Design Computing</td>
<td>80/28</td>
<td>3</td>
<td>59</td>
</tr>
<tr>
<td>† B Design Computing/B Advanced Studies</td>
<td>80/28</td>
<td>4</td>
<td>59</td>
</tr>
<tr>
<td>† B Design in Architecture</td>
<td>95/57</td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>† B Design in Architecture (Honours)/M Architecture†</td>
<td>(97/39)*</td>
<td>5</td>
<td>60</td>
</tr>
<tr>
<td><strong>Arts and social sciences</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† B Arts</td>
<td>80/28</td>
<td>3</td>
<td>55</td>
</tr>
<tr>
<td>† B Arts/B Advanced Studies</td>
<td>80/28</td>
<td>4</td>
<td>56</td>
</tr>
<tr>
<td>† B Arts/B Advanced Studies (Dalyell Scholars including Languages)†</td>
<td>98/40</td>
<td>4</td>
<td>56</td>
</tr>
<tr>
<td>† B Arts/B Advanced Studies (International and Global Studies)</td>
<td>92/34</td>
<td>4</td>
<td>56</td>
</tr>
<tr>
<td>† B Arts/B Advanced Studies (Media and Communications)</td>
<td>95/37</td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>† B Arts/B Advanced Studies (Politics and International Relations)</td>
<td>95/37</td>
<td>4</td>
<td>57</td>
</tr>
<tr>
<td>† B Arts (Science Po Dual Degree)**</td>
<td>A+C</td>
<td>2+2</td>
<td>55</td>
</tr>
<tr>
<td>† B Economics</td>
<td>90/33</td>
<td>3</td>
<td>60</td>
</tr>
<tr>
<td>† B Economics/B Advanced Studies</td>
<td>90/33</td>
<td>4</td>
<td>60</td>
</tr>
<tr>
<td>† B Economics (Science Po Dual Degree)**</td>
<td>A+C</td>
<td>2+2</td>
<td>61</td>
</tr>
<tr>
<td>† B Visual Arts</td>
<td>A+C</td>
<td>3</td>
<td>77</td>
</tr>
<tr>
<td>† B Visual Arts/B Advanced Studies</td>
<td>A+C</td>
<td>4</td>
<td>77</td>
</tr>
<tr>
<td>† Diploma of Arts</td>
<td>n/a</td>
<td>1</td>
<td>77</td>
</tr>
<tr>
<td>† Diploma of Language Studies†</td>
<td>n/a</td>
<td>3–6 part time</td>
<td>77</td>
</tr>
<tr>
<td>† Diploma of Social Sciences†</td>
<td>n/a</td>
<td>1</td>
<td>77</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Business</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† B Commerce</td>
<td>95/36</td>
<td>3</td>
<td>58</td>
</tr>
<tr>
<td>† B Commerce/B Advanced Studies</td>
<td>95/36</td>
<td>4</td>
<td>58</td>
</tr>
<tr>
<td>† B Commerce/B Advanced Studies (Dalyell Scholars)‡</td>
<td>98/40</td>
<td>4</td>
<td>59</td>
</tr>
<tr>
<td><strong>Education and social work</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† B Education (Early Childhood)</td>
<td>77/27</td>
<td>4</td>
<td>61</td>
</tr>
<tr>
<td>† B Education (Health and Physical Education)^</td>
<td>A+C</td>
<td>4</td>
<td>61</td>
</tr>
<tr>
<td>† B Education (Primary)^</td>
<td>A+C</td>
<td>4</td>
<td>62</td>
</tr>
<tr>
<td>† B Education (School and Community Education)/B Arts#</td>
<td>A+C</td>
<td>5</td>
<td>62</td>
</tr>
<tr>
<td>† B Education (Secondary: Humanities and Social Sciences)/B Arts</td>
<td>A+C</td>
<td>5</td>
<td>62</td>
</tr>
<tr>
<td>† B Education (Secondary: Mathematics)/B Science</td>
<td>A+C</td>
<td>5</td>
<td>63</td>
</tr>
<tr>
<td>† B Education (Secondary: Science)/B Science</td>
<td>A+C</td>
<td>5</td>
<td>63</td>
</tr>
<tr>
<td>† B Social Work</td>
<td>80/28</td>
<td>4</td>
<td>76</td>
</tr>
<tr>
<td>† B Arts/B Social Work</td>
<td>80/28</td>
<td>5</td>
<td>57</td>
</tr>
<tr>
<td><strong>Engineering and information technologies</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>† B Advanced Computing</td>
<td>90/33</td>
<td>4</td>
<td>52</td>
</tr>
<tr>
<td>† B Advanced Computing/B Commerce</td>
<td>95/36</td>
<td>5</td>
<td>52</td>
</tr>
<tr>
<td>† B Advanced Computing/B Science</td>
<td>90/33</td>
<td>5</td>
<td>52</td>
</tr>
<tr>
<td>† B Advanced Computing/B Science (Health)</td>
<td>90/33</td>
<td>5</td>
<td>52</td>
</tr>
<tr>
<td>† B Advanced Computing/B Science (Medical Science)</td>
<td>90/33</td>
<td>5</td>
<td>53</td>
</tr>
<tr>
<td>† B Engineering Honours (Dalyell Scholars)†</td>
<td>98/40</td>
<td>4</td>
<td>63</td>
</tr>
<tr>
<td>Course name</td>
<td>ATAR/IB</td>
<td>Duration in years</td>
<td>See page</td>
</tr>
<tr>
<td>-------------------------------------------------------</td>
<td>-----------</td>
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<td>-----------</td>
</tr>
<tr>
<td>B Engineering Honours (Aeronautical)</td>
<td>92/34</td>
<td>4</td>
<td>63</td>
</tr>
<tr>
<td>B Engineering Honours (Biomedical)</td>
<td>92/34</td>
<td>4</td>
<td>64</td>
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<tr>
<td>B Engineering Honours (Chemical and Biomolecular)</td>
<td>92/34</td>
<td>4</td>
<td>64</td>
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<tr>
<td>B Engineering Honours (Civil)</td>
<td>92/34</td>
<td>4</td>
<td>64</td>
</tr>
<tr>
<td>B Engineering Honours (Electrical)</td>
<td>92/34</td>
<td>4</td>
<td>64</td>
</tr>
<tr>
<td>B Engineering Honours (Flexible First Year)</td>
<td>92/34</td>
<td>4</td>
<td>64</td>
</tr>
<tr>
<td>B Engineering Honours (Mechanical)</td>
<td>92/34</td>
<td>4</td>
<td>64</td>
</tr>
<tr>
<td>B Engineering Honours (Mechatronic)</td>
<td>92/34</td>
<td>4</td>
<td>65</td>
</tr>
<tr>
<td>B Engineering Honours (Software)</td>
<td>92/34</td>
<td>4</td>
<td>65</td>
</tr>
<tr>
<td>B Engineering Honours with space engineering major</td>
<td>99/42</td>
<td>4</td>
<td>65</td>
</tr>
<tr>
<td>B Engineering Honours/B Arts</td>
<td>92/34</td>
<td>5</td>
<td>65</td>
</tr>
<tr>
<td>B Engineering Honours/B Commerce</td>
<td>95/36</td>
<td>5</td>
<td>65</td>
</tr>
<tr>
<td>B Engineering Honours (Civil)/B Design in Architecture</td>
<td>95/37</td>
<td>5</td>
<td>66</td>
</tr>
<tr>
<td>B Engineering Honours/B Project Management</td>
<td>92/34</td>
<td>5</td>
<td>66</td>
</tr>
<tr>
<td>B Engineering Honours/B Science</td>
<td>92/34</td>
<td>5</td>
<td>66</td>
</tr>
<tr>
<td>B Engineering Honours/B Science (Health)</td>
<td>92/34</td>
<td>5</td>
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<tr>
<td>B Engineering Honours/B Science (Medical Science)</td>
<td>92/34</td>
<td>5</td>
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</tr>
<tr>
<td>B Project Management</td>
<td>86/31</td>
<td>3</td>
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</table>

**Medicine and health**

<table>
<thead>
<tr>
<th>Course name</th>
<th>ATAR/IB</th>
<th>Duration in years</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Applied Science (Diagnostic Radiography)</td>
<td>(95/37)*</td>
<td>4</td>
<td>53</td>
</tr>
<tr>
<td>B Applied Science (Exercise and Sport Science)</td>
<td>(82/29)*</td>
<td>3</td>
<td>53</td>
</tr>
<tr>
<td>B Applied Science (Exercise Physiology)</td>
<td>(90/33)*</td>
<td>4</td>
<td>53</td>
</tr>
<tr>
<td>B Applied Science (Occupational Therapy)</td>
<td>(92/34)*</td>
<td>4</td>
<td>54</td>
</tr>
<tr>
<td>B Applied Science (Physiotherapy)</td>
<td>(99/42)*</td>
<td>4</td>
<td>54</td>
</tr>
<tr>
<td>B Applied Science (Speech Pathology)</td>
<td>(93/35)*</td>
<td>4</td>
<td>54</td>
</tr>
<tr>
<td>B Arts/D Medicine†</td>
<td>A+C</td>
<td>7</td>
<td>58</td>
</tr>
<tr>
<td>B Arts/M Nursing†</td>
<td>80/28</td>
<td>4</td>
<td>58</td>
</tr>
<tr>
<td>B Nursing (Advanced Studies)</td>
<td>84/30</td>
<td>3</td>
<td>69</td>
</tr>
<tr>
<td>B Oral Health</td>
<td>A+C</td>
<td>3</td>
<td>69</td>
</tr>
<tr>
<td>B Pharmacy</td>
<td>90/33</td>
<td>4</td>
<td>69</td>
</tr>
<tr>
<td>B Pharmacy and Management</td>
<td>90/33</td>
<td>5</td>
<td>69</td>
</tr>
<tr>
<td>B Science/D Dental Medicine†</td>
<td>A+C</td>
<td>7</td>
<td>74</td>
</tr>
</tbody>
</table>

**Course name**

- B Science/D Medicine†
  - A+C
  - (99.95/45)*

- B Science/M Nursing†
  - 80/28
  - 4

- B Science (Health)/M Nursing†
  - 80/28
  - 4

**Law**

- B Arts/B Laws
  - 99.5/43
  - 5

- B Commerce/B Laws
  - 99.5/43
  - 5

- B Economics/B Laws
  - 99.5/43
  - 5

- B Engineering Honours/B Laws
  - 99.5/43
  - 6

- B Science/B Laws
  - 99.5/43
  - 5

**Music**

- B Music
  - A+C
  - 4

- B Music (Composition)
  - A+C
  - 4

- B Music (Music Education)*
  - A+C
  - 4

- B Music (Performance)
  - A+C
  - 4

**Science, agriculture, environment and veterinary science**

- B Liberal Arts and Science
  - 70/26
  - 3

- B Psychology
  - (95/37)*
  - 4

- B Science
  - 80/28
  - 3

- B Science (Health)
  - 80/28
  - 3

- B Science (Medical Science)
  - 90/33
  - 3

- B Science/B Advanced Studies
  - 80/28
  - 4

- B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)†
  - 98/40
  - 4

- B Science/B Advanced Studies (Advanced)
  - 95/37
  - 4

- B Science/B Advanced Studies (Agriculture)
  - 80/28
  - 4

- B Science/B Advanced Studies (Animal and Veterinary Bioscience)
  - 80/28
  - 4

- B Science/B Advanced Studies (Food and Agribusiness)
  - 80/28
  - 4

- B Science/B Advanced Studies (Medical Science)
  - 90/33
  - 4

- B Science/B Advanced Studies (Taronga Wildlife Conservation)#
  - 85/31
  - 4

- B Science/M Mathematical Sciences†
  - 98/40
  - 4.5

- B Science/M Nutrition and Dietetics†
  - (97/39)*
  - 5

- B Veterinary Biology/D Veterinary Medicine†
  - A+C
  - (97/39)*
  - 6

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\* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.
With more than 100 majors and minors to choose from, the shared pool of majors and minors allows you to explore a wide range of study areas within your degree.

Combine your primary major with a major or minor in one of the areas below

**Architecture, design and planning**
- Design

**Arts and social sciences**
- Agricultural and resource economics
- American studies
- Ancient Greek
- Ancient history
- Anthropology
- Arabic language and cultures
- Archaeology
- Art history
- Asian studies
- Australian literature*
- Biblical studies and classical Hebrew
- Celtic studies*
- Chinese studies
- Criminology*
- Cultural studies
- Digital cultures
- Diversity studies*
- Economic policy (not available for Bachelor of Economics students)
- Economics
- Econometrics
- English
- European studies
- Film studies
- Financial economics
- French and Francophone studies
- Gender studies
- Germanic studies
- Hebrew (modern)
- History
- Indigenous studies
- Indonesian studies
- International and comparative literary studies
- International relations
- Italian studies
- Japanese studies
- Jewish civilisation, thought and culture
- Korean studies
- Latin
- Linguistics
- Modern Greek studies
- Philosophy
- Political economy
- Politics
- Sanskrit*
- Social policy*
- Socio-legal studies
- Sociology
- Spanish and Latin American studies
- Studies in religion
- Theatre and performance studies
- Visual arts
- Writing studies*

**Business**
- Accounting
- Banking**
- Business analytics
- Business information Systems
- Business law
- Finance**
- Industrial relations and human resource management
- International business
- Management
- Marketing
The shared pool of majors and minors is available to all students studying the Bachelor of Advanced Computing, Bachelor of Arts, Bachelor of Commerce, Bachelor of Design Computing, Bachelor of Economics, Bachelor of Science, and Bachelor of Visual Arts, as well as all combined Bachelor of Advanced Studies degrees.

*Available as a minor only

**Available as a major only

***Previously offered as the ‘Behavioural Sciences’ major.

Title change subject to Academic Board approval.
**COURSES A-Z**

<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Advanced Computing</strong></td>
<td>Choose one IT major from the options below and a second major or a minor from either these options or the shared pool: computer science, computational data science, information systems, software development.</td>
<td><strong>Assumed knowledge</strong> Mathematics or Mathematics Extension 1&lt;br&gt;<strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Computer programmer, computer system administrator, consultant, entrepreneur, information services management, systems analyst, software engineer, user experience, web development and management</td>
</tr>
<tr>
<td>ATAR 90 IB 55 UAC 513500 4 years full time Dalyell by invitation</td>
<td><strong>Assumed knowledge</strong> Mathematics or Mathematics Extension 1. Other assumed knowledge depends on Commerce subjects chosen.&lt;br&gt;<strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Accountant, business systems analyst, computer programmer, computer system administrator, economist, financial specialist, information services management, management consultant, project manager, software engineer, web development and management</td>
</tr>
<tr>
<td><strong>B Advanced Computing/ B Commerce</strong></td>
<td>Refer to B Advanced Computing and B Commerce. You will choose one major from each degree.</td>
<td><strong>Assumed knowledge</strong> Mathematics or Mathematics Extension 1. Other assumed knowledge depends on the science areas or programs studied.&lt;br&gt;<strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Computer programmer, consultancy, geophysicist, information services management, mathematician, microbiologist, psychologist, science historian, software engineer, systems analyst, web development and management</td>
</tr>
<tr>
<td>ATAR 95 IB 56 UAC 513505 5 years full time Dalyell by invitation</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Computer programmer, consultancy, corporate health, disability and ageing management and research, global health research and policy analyst, hospital management, information services management, mental health and safety, software engineer, web development and management</td>
</tr>
<tr>
<td><strong>B Advanced Computing/ B Science</strong></td>
<td>Refer to B Advanced Computing and B Science. You will choose one major from each degree.</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Computer programmer, consultancy, corporate health, disability and ageing management and research, global health research and policy analyst, hospital management, information services management, mental health and safety, software engineer, web development and management</td>
</tr>
<tr>
<td>ATAR 90 IB 55 UAC 513510 5 years full time Dalyell by invitation</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Computer programmer, consultancy, corporate health, disability and ageing management and research, global health research and policy analyst, hospital management, information services management, mental health and safety, software engineer, web development and management</td>
</tr>
<tr>
<td><strong>B Advanced Computing/ B Science (Health)</strong></td>
<td>Refer to B Advanced Computing and B Science (Health). You will complete a major from the options available in the B Advanced Computing and the health major.</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Computer programmer, consultancy, corporate health, disability and ageing management and research, global health research and policy analyst, hospital management, information services management, mental health and safety, software engineer, web development and management</td>
</tr>
<tr>
<td>ATAR 90 IB 55 UAC 513515 5 years full time Dalyell by invitation</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td><strong>Assumed knowledge</strong> <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Computer programmer, consultancy, corporate health, disability and ageing management and research, global health research and policy analyst, hospital management, information services management, mental health and safety, software engineer, web development and management</td>
</tr>
</tbody>
</table>

'**B**' for 'Bachelor of', '**M**' for 'Master of' and '**D**' for 'Doctor of'<br>**A+C, n/a, nc, †, ‡, #, ф, **, ***: see 'Table notes' on page 78

* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.
<table>
<thead>
<tr>
<th>Course</th>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/ Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Advanced Computing/ B Science (Medical Science)</td>
<td>Revolutionise the medical world. This combined degree will develop your knowledge and skills in computing and IT. You will also gain foundational knowledge and research skills in medical science, biomedicine and bioinformatics and have access to the Open Learning Environment.</td>
<td>Refer to B Advanced Computing and B Science (Medical Science). You will choose one major from the options available in the B Advanced Computing and complete a program in medical science, including a medical science major.</td>
<td>Assumed knowledge Mathematics or Mathematics Extension 1, Chemistry and either Physics or Biology. Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Computer programmer, consultancy, doctor (after further study in medicine), geneticist, infectious diseases researcher, information services management, microbiologist, pathologist, software engineer, systems analyst, web development and management</td>
</tr>
<tr>
<td>B Applied Science (Diagnostic Radiography)</td>
<td>Learn the skills you need to produce world-class medical imaging and provide excellent patient care. In the Diagnostic Radiography degree, you will learn to use equipment ranging from small mobile X-ray machines to larger units, from MRI and CT scanners to sophisticated cardiac units, enabling timely and accurate patient diagnoses. This degree is accredited by the Medical Radiation Practice Board of Australia (MRPBA) and is an approved program of study for general registration as a diagnostic radiographer.</td>
<td>This degree covers studies in anatomy, biological sciences, equipment and imaging techniques, image processing, pathology, physics, psychology and radiation biology.</td>
<td>Recommended studies Mathematics plus one of Biology, Chemistry or Physics.</td>
<td>Diagnostic radiographer Graduates have the opportunity to work in a range of settings, such as small regional clinics, large metropolitan imaging departments, and hospital emergency departments.</td>
</tr>
<tr>
<td>B Applied Science (Exercise and Sport Science)</td>
<td>This degree develops your skills to integrate exercise and physical activity with disease prevention and the promotion of good health, rehabilitation, nutrition and sports performance. Graduates are eligible to apply for membership with Exercise and Sport Science Australia and professional registration as an exercise scientist.</td>
<td>This degree covers studies in anatomy, biochemistry, biomechanics, learning and control of human movement, nutrition, physiology/exercise physiology, and the application of these fundamental sciences to sport, exercise, ageing, public health, rehabilitation and research.</td>
<td>Assumed knowledge Chemistry and Mathematics</td>
<td>Exercise scientist, coach, personal trainer, strength and conditioning specialist. Our graduates find careers in the sport, fitness and health industries; work health and safety; injury prevention; public health; exercise rehabilitation; research and technology; education and health; and medical insurance.</td>
</tr>
<tr>
<td>B Applied Science (Exercise Physiology)</td>
<td>This degree provides you with the knowledge, competencies and clinical experience required to deliver exercise and behaviour change strategies for the prevention and management of chronic disease. Graduates are eligible for both exercise science and exercise physiology accreditation through Exercise and Sports Science Australia.</td>
<td>This degree covers studies in biomechanics, clinical exercise practice, ergonomics, exercise physiology, functional anatomy, motor control and behaviour.</td>
<td>Assumed knowledge Chemistry and Mathematics</td>
<td>As an accredited exercise physiologist you will have the opportunity to work across all sectors of healthcare, including cardiac rehabilitation, musculoskeletal rehabilitation, mental health, long-term rehabilitation following spinal cord injury, ageing, occupational rehabilitation and programs for people with an intellectual disability.</td>
</tr>
</tbody>
</table>

Δ. The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ – see the Table notes on page 78.
### Course description

**B Applied Science (Occupational Therapy)**

This degree will enable you to help people with disabilities, and those recovering from injury or with ongoing conditions, to overcome barriers that may be preventing them from participating more fully in life. Graduates are eligible for membership of Occupational Therapy Australia and the World Federation of Occupational Therapists, and registration with the Occupational Therapy Board of Australia.

**B Applied Science (Physiotherapy)**

This degree will teach you how to assess, diagnose and treat people with movement problems caused by a wide variety of health conditions. You will also learn how to help people avoid injuries and maintain a fit and healthy body. Upon graduation, you are eligible to apply for registration as a physiotherapist with the Physiotherapy Board of Australia.

**B Applied Science (Speech Pathology)**

Accredited by Speech Pathology Australia, this degree prepares you for professional practice as a Speech Pathologist. You will be involved in the assessment and treatment of communication and swallowing disorders in children and adults, including problems with speaking, listening comprehension, reading and writing.

### Programs, majors and minors

**Assumed knowledge/Prerequisite**

**B Applied Science (Occupational Therapy)**

This degree covers studies in human anatomy, neuroscience, occupational therapy theory and practice, psychology and social sciences.

**B Applied Science (Physiotherapy)**

This degree covers studies in biomedical sciences, behavioural and social sciences, exercise science, human anatomy, human movement, neuroscience, therapy and practice of musculoskeletal, neurological and cardiopulmonary physiotherapy across the lifespan.

**B Applied Science (Speech Pathology)**

This degree covers studies in anatomy, audiology, linguistics and language development, neurobiology, phonetics, psychology, research methods and speech pathology specialist areas (eg, aphasia, cleft palate, dysarthria, dysphagia, stuttering).

### Career possibilities

**Occupational therapist**

The breadth of occupational therapy means you can diversify your career while staying within the same profession. For example, you could work one on one in rehabilitation with stroke or cancer survivors, then work with babies in a neonatal intensive care unit or young adults in a community mental health program.

**Physiotherapist**

You can choose from a diverse range of physiotherapy and health promotion career options in both the public and private sectors, in settings such as healthcare organisations, sports, schools and community, and private practice.

**Speech pathologist**

Speech pathologists work in diverse settings, including public and private hospitals, community health, mental health services, aged-care facilities, schools and disability services. As a speech pathology graduate, you may also work in private practice, with the potential to operate your own business as a private practitioner.

**Architect, property and real estate, construction, project manager, urban designer, urban planner**

The Bachelor of Architecture and Environment provides a broad overview of the built environment through studies in design and architecture, urban planning, sustainability, heritage, building systems and construction and facilities management.

**Core areas of study in architectural and environmental design, architectural history and theory, architectural sciences and technologies, property and sustainability, urban design and planning, University of Sydney School of Architecture, Design and Planning electives may include acoustics, lighting, structures and design computing. Electives may also be taken in other faculties.**

### Assumed knowledge

**B Applied Science (Occupational Therapy)**

- **Assumed knowledge**
  - Additional Mathematics 2/3, Extension 1 Mathematics, Extension 2 Mathematics

**B Applied Science (Physiotherapy)**

- **Assumed knowledge**
  - Additional Mathematics 2/3, Extension 1 Mathematics, Extension 2 Mathematics
  - **Recommended studies**
    - Physics
    - Chemistry and Mathematics

**B Applied Science (Speech Pathology)**

- **Assumed knowledge**
  - Additional Mathematics 2/3, Extension 1 Mathematics, Extension 2 Mathematics
  - **Recommended studies**
    - English Advanced

### Prerequisite

**B Applied Science (Occupational Therapy)**

- **Prerequisite**
  - English Advanced, Mathematics Advanced

**B Applied Science (Physiotherapy)**

- **Prerequisite**
  - English Advanced, Chemistry and Mathematics

**B Applied Science (Speech Pathology)**

- **Prerequisite**
  - English Advanced

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"B" for ‘Bachelor of’, ‘M’ for ‘Master of’ and ‘D’ for ‘Doctor of’ A=C, n/a, nc, ~, †, ‡, #, ф, **, ***: see ‘Table notes’ on page 78

* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.
Course description

B Arts

Whether you want to learn a new language or study a new culture, explore great books, ideas or minds, discover the past, analyse the present or consider the shape of the world’s future, the Bachelor of Arts will expand your horizons and challenge you to think outside the box. It will prepare you to meet the challenges of the modern workforce, where expertise, inventiveness, logic and critical thinking come to the fore.

You will receive an outstanding liberal arts education, with a broad choice of more than 45 subject areas in the humanities and social sciences, and other disciplines across the University from the more than 100 majors and minors in the shared pool. You will also have access to the Open Learning Environment to broaden your skills and explore other areas of study. No two arts degrees are quite the same.

Choose one major from the options below and a second major or a minor either from these options or from the shared pool: agricultural and resource economics; American studies; ancient Greek; ancient history; anthropology; Arabic language and cultures; archaeology; art history; Asian studies; Australian literature (minor only); biblical studies and classical Hebrew; Celtic studies (minor only); Chinese studies; criminology (minor only); cultural studies; digital cultures; diversity studies (minor only); econometrics; economics; economic policy; English; European studies; film studies; French and francophone studies; gender studies; Germanic studies; Hebrew (modern); history; Indigenous studies; Indonesian studies; international comparative literary studies; international relations; Italian studies; Japanese studies; Jewish civilisation, thought and culture; Korean studies; Latin; linguistics; modern Greek studies; music; philosophy; political economy; politics; psychology (program); Sanskrit (minor only); social policy (minor only); sociolinguistics; sociology; Spanish and Latin American studies; studies in religion; theatre and performance studies; writing studies (minor only).

Assumed knowledge

Refer to B Arts for University of Sydney-based majors. For information on studies in France, including units of study, refer to sydney.edu.au/arts/international/years_1_2.shtml

Assumed knowledge

Refer to B Arts

Career possibilities

Anthropologist, archaeologist, archivist, art historian, business administrator or manager, editor or publisher, foreign affairs and trade officer, government policy officer, historian, heritage specialist, information specialist, journalist, language specialist, media and communications officer, museum or gallery curator, researcher, sociologist, teacher

B Arts (Dual Degree, Sciences Po, France)**

Are you ready for the opportunity of a lifetime? Travel abroad, immerse yourself in the French culture, learn a new language and complete a dual degree with a social science focus, all at the same time.

This four-year dual degree enables you to work towards both a B Arts degree at Sciences Po in France for the first two years, and a B Arts degree at the University of Sydney for the remaining two years. As part of your B Arts at the University of Sydney, you’ll have access to the shared pool and the Open Learning Environment.

Assumed knowledge

Anthropologist, archaeologist, business administrator or manager, economist, editor or publisher, foreign affairs and trade officer, government policy officer, historian, language specialist, journalist, museum or gallery curator, public relations manager, researcher, sociologist, teacher
**B Arts/ B Advanced Studies**

The Bachelor of Arts provides an outstanding liberal arts education. It prepares you to meet the challenges of the modern workforce, where expertise, inventiveness, logic and critical thinking come to the fore.

Combining a Bachelor of Arts with the Bachelor of Advanced Studies in a four-year degree gives you the opportunity to deepen your knowledge and skills, add further breadth to your University qualification by studying subjects from a range of disciplines (including more than 45 subject areas in the humanities and social sciences and more than 100 majors and minors in the shared pool), and apply your skills and disciplinary knowledge to real-world problems. You’ll have access to the Open Learning Environment to broaden your skills and explore other areas of interest.

In the fourth year you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project, or an honours project. As you develop a personal portfolio of expertise and high-level skills you broaden your opportunities and prepare yourself for future success.

**Assumed knowledge/Prerequisite**

Choose one major from the listing below and a second major either from these options or from the shared pool. Agricultural and resource economics; American studies; ancient Greek; ancient history; anthropology; Arabic language and cultures; archaeology; art history; Asian studies; Australian literature (minor only); biblical studies and classical Hebrew; Celtic studies (minor only); Chinese studies; criminology (minor only); cultural studies; digital cultures; diversity studies (minor only); econometrics; economics; economic policy; English; European studies; film studies; French and francophone studies; gender studies; Germanic studies; Hebrew (modern); history; Indigenous studies; Indonesian studies; international comparative literary studies; international relations; Italian studies; Japanese studies; Jewish civilisation, thought and culture; Korean studies; Latin; linguistics; modern Greek studies; music; philosophy; political economy; politics; psychology (program); Sanskrit (minor only); social policy (minor only); socio-legal studies; sociology; Spanish and Latin American studies; studies in religion; theatre and performance studies; writing studies (minor only).

**Career possibilities**

Anthropologist, archaeologist, artist, art historian, business administrator or manager, historian, heritage specialist, foreign affairs and trade officer, government policy officer, information specialist, journalist, museum or gallery curator, language specialist, media and communications officer, editor or publisher, researcher, sociologist.

This degree equips you with the breadth and depth of knowledge and the critical and analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.

---

**B Arts/ B Advanced Studies (Dalyell Scholars including Languages)**

As a Dalyell Scholar in the B Arts/B Advanced Studies, you will gain an outstanding liberal arts education that prepares you to meet the challenges of the modern workforce, where expertise, inventiveness, logic and critical thinking come to the fore.

Your studies will be complemented by distinctive Dalyell units and a suite of enrichment opportunities, including a global mobility experience. You’ll also have access to the Open Learning Environment and the shared pool of more than 100 majors and minors. In the final year, you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project, or an honours project.

**Assumed knowledge/Prerequisite**

Refer to B Arts/B Advanced Studies. As a Dalyell Scholar you will undertake 12 credit points of distinctive Dalyell units complemented by additional enrichment opportunities, including mentoring, professional skill development and a global mobility experience.

Dalyell Scholars will have the option of completing a languages program that will broaden your understanding of languages and culture, and open up a diverse range of global career opportunities.

**Career possibilities**

Anthropologist, archaeologist, business administrator or manager, economist, editor or publisher, foreign affairs and trade officer, government policy officer, historian, language specialist, journalist, museum or gallery curator, public relations manager.

This degree equips you with the breadth and depth of knowledge and the critical and analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.

---

**B Arts/ B Advanced Studies (International and Global Studies)**

This degree will give you a rigorous understanding of the paradoxes and complex interconnections of globalisation, equipping you with the ability to work in a global society.

The core major enables you to relate localities to global trends, while your second major and language training provide the regional and linguistic expertise necessary to effectively communicate across cultural boundaries and to work in a range of organisations with an international scope.

A semester abroad at one of our leading partner universities deepens your knowledge and provides first-hand international experience.

**Assumed knowledge/Prerequisite**

Refer to B Arts/B Advanced Studies. This stream requires completion of a program in international and global studies (including a major in global studies), a minor in a language from the School of Languages and Cultures, and a minimum of 12 credit points of study abroad/exchange. A second major, which may be an extension of the language minor, must be taken from those available in the B Arts or from the shared pool. You’ll also have access to the Open Learning Environment.

In the fourth year of the degree you will undertake advanced coursework and a substantial real-world industry, community, entrepreneurship or research project.

**Career possibilities**

Community development program manager, diplomat, foreign aid worker, foreign correspondent, human rights advocate, international business consultant, policy adviser, trade negotiator.

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ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.

"B" for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'

A=C, n/a, nc, °, †, ‡, #, ф, **, ***: see 'Table notes' on page 78
<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Arts/ B Advanced Studies (Media and Communications)</td>
<td>This degree will provide you with a broad array of skills tailored to meet the needs of the fast-changing media and communications landscape. You will gain real-world experience in media writing, radio, video and digital media production, and media relations as well as a scholarly and critical education in media and communications theory and practice. As part of this degree, you will undertake a compulsory internship that gives you hands-on experience and valuable contacts. Internships are available in many areas, including national and international journalism placements, public relations and advertising agencies, national television and radio, and major print and online media.</td>
<td>This stream requires completion of a program in media and communications (including a major in media studies). A second major must be taken from those available in the B Arts or from the shared pool. You’ll also have access to the Open Learning Environment. In the fourth year of the degree you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project, or an honours project.</td>
<td>Corporate communications officer, information officer, journalist (print, online, radio, television), market or media researcher, producer, public relations officer, public policy officer</td>
</tr>
<tr>
<td>B Arts/ B Advanced Studies (Politics and International Relations)</td>
<td>This degree covers all aspects of political, cultural and economic relations at both the domestic and international levels. It explores the world-shaping political forces that extend far beyond national boundaries and impact our lives in unexpected ways. At the core of the degree are specialist units dealing with contemporary real world problem-solving, both in teams and individually. You will graduate with a double major in politics and international relations, and work with a team of leading academics and researchers to identify and evaluate current affairs and issues that shape global politics.</td>
<td>This stream requires completion of a program in politics and international relations. A second major must be taken from those available in the B Arts or from the shared pool. You’ll also have access to the Open Learning Environment. In the fourth year of the degree you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project, or an honours project.</td>
<td>Current affairs journalist, government and public service administrator, non-government or private sector administrator, policy researcher and consultant, political adviser, think tank participant</td>
</tr>
<tr>
<td>B Arts/B Laws</td>
<td>The most established double-degree combination in Australia, the Bachelor of Arts and Bachelor of Laws will challenge your outlook and give you the skillset to think differently about how to find real-world, workable and ethical solutions to contemporary problems and issues. You’ll also have access to the Open Learning Environment and electives from the shared pool.</td>
<td>Refer to B Arts. You will choose a major from the B Arts which can include a Global Studies or Media Studies major, and electives from the B Arts or the shared pool.</td>
<td>Refer to B Arts. For Law: None.</td>
</tr>
<tr>
<td>B Arts/ B Social Work</td>
<td>This five-year combined degree offers a comprehensive and flexible study pathway that will qualify you as an accredited social worker, while also allowing you to enhance your qualification with majors and minors that complement the Bachelor of Social Work, such as sociology and social policy, gender studies or philosophy, offered through the Bachelor of Arts. You’ll also have access to the Open Learning Environment and the shared pool of majors, minors and electives.</td>
<td>Refer to B Arts and B Social Work. You will choose a major from the B Arts, and a second major or a minor either from those options or the shared pool. Social work includes a professional two-year program that covers research skills, social policy and social work.</td>
<td>Aged care worker, children and families support worker, community worker in programs for people with disabilities, migrant and refugee liaison officer, international development worker, social policy adviser.</td>
</tr>
</tbody>
</table>

Δ. The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ – see the Table notes on page 78.
<table>
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<tr>
<th>Course description</th>
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<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Arts/ D Medicine†</strong>&lt;br&gt;ATAR A+C (99.95)<em>&lt;br&gt;IB A+C (45)</em>&lt;br&gt;UAC 513715&lt;br&gt;7 years full time &lt;br&gt;Dalyell by invitation</td>
<td>This double degree gives you the opportunity to study arts and social sciences before undertaking medicine. School leavers who have achieved exceptional results can commence a three-year undergraduate arts degree and follow on with the four-year graduate-entry Doctor of Medicine (MD). With a deeper understanding of the fundamentals that underpin the health profession combined with your study of arts and social sciences, you will be better prepared for any career in medicine, from specialisation to research and teaching. You’ll also have access to the Open Learning Environment and the shared pool of majors, minors and electives. Refer to B Arts and the course website: sydney.edu.au/courses&lt;br&gt;You will choose a major from the options available in the B Arts, and either a second major or a minor from these options or the shared pool. During the B Arts you will complete foundational knowledge units for medicine plus a zero-credit-point subject in medicine. In the Doctor of Medicine component practical experience – including contact with patients and observation of the physical aspects of disease – commences in the first year and continues to the final year. Dalyell Scholars will complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes. You will also have access to a suite of additional enrichment opportunities.</td>
<td>Refer to B Arts&lt;br&gt;Prerequisite∆&lt;br&gt;Assumed knowledge&lt;br&gt;Refer to B Arts&lt;br&gt;M Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>General practitioner or specialist, surgeon, researcher, pharmaceutical industry, forensic anthropologist, government policy officer, medical journalist, aid worker, management consultant, teaching, medical administration, medical communication</td>
</tr>
</tbody>
</table>

| **B Arts/ M Nursing†**<br>ATAR 80<br>IB 25<br>UAC 513740<br>4 years full time <br>Dalyell by invitation | Make a lasting difference. This double degree develops analytical and critical capabilities alongside the skills and expertise you will need to become a registered nurse. It opens up a wide range of career opportunities across both clinical and non-clinical settings. Refer to B Arts. You will choose a major from the B Arts and either a minor or electives from those available in the B Arts or the shared pool. You’ll also have access to the Open Learning Environment. **Focus areas for Nursing:** acute care, aged care, chronic illness, clinical practice, Indigenous health, mental healthcare and management, pharmacology, physiology, professional practice, social and health | Refer to B Arts<br>Assumed knowledge<br>Refer to B Arts<br>M Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent. | Registered nurse in a range of healthcare settings and highly employable in a range of non-clinical settings, including government, non-government organisations, business, education and research |

| **B Commerce**<br>ATAR 95<br>IB 36<br>UAC 513300<br>3 years full time <br>Dalyell by invitation | Your global business journey starts here. Our Bachelor of Commerce offers a wide variety of subject options, immersive learning experiences and a strong commercial grounding in business. Take advantage of our international exchange and industry placement opportunities and tailor your degree to launch your career in virtually any field, anywhere in the world. You’ll also have access to the Open Learning Environment to broaden your skills and explore other areas of study. Choose one major from the faculty options below and a second major or a minor either from these options or the shared pool: accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program). | Refer to B Arts<br>Assumed knowledge<br>Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent. | Accountant, business analyst, corporate/government relations officer, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business consultant, investment banker, management consultant, marketing executive, policy adviser, project manager |

| **B Commerce/ B Advanced Studies**<br>ATAR 95<br>IB 36<br>UAC 513305<br>4 years full time | Your global business journey starts here. Our new Bachelor of Commerce/Bachelor of Advanced Studies combined degree allows you to explore your interest in business alongside study in other disciplines – from mathematics to music – and tailor your studies for a career in a specialised industry. You’ll also have access to the Open Learning Environment to broaden your skills and explore other areas of study. In the fourth year you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project or an honours project. Choose one major from the options below and a second major or a minor from these options or the shared pool: accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program). | Refer to B Arts<br>Assumed knowledge<br>Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent. | Accountant, business analyst, corporate/government relations officer, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business consultant, investment banker, management consultant, marketing executive |

Prerequisite∆: first-year subjects depends on the first-year subjects selected.<br>Prerequisite†: select one major from the faculty options below and a second major or a minor either from these options or the shared pool: accounting, banking (major only), business analytics, business information systems, business law, finance (major only), industrial relations and human resource management, international business, management, marketing, professional accounting (program).<br>Assumed knowledge: refer to B Arts and the course website: sydney.edu.au/courses. Other assumed knowledge depends on the first-year subjects selected. * ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.†: B for ‘Bachelor of’, M for ‘Master of’ and D for ‘Doctor of’“
B Commerce/ B Advanced Studies (Dalyell Scholars) *

**ATAR 98**

**IB 40**

**UAC 513310**

**4 years full time**

**Dalyell by application**

**Course description**: Lead the next generation of business and innovation. Designed for high-achieving students, the Dalyell stream of the new Bachelor of Commerce/Bachelor of Advanced Studies cultivates high-level graduate attributes through greater depth and breadth of learning. You will enrol in exclusive Dalyell units and have access to a suite of enrichment opportunities as well as the Open Learning Environment. In the fourth year you will undertake advanced coursework and either a substantial real-world industry, community, entrepreneurship or research project or an honours project.

**Programs, majors and minors**: Refer to B Commerce/B Advanced Studies. As a Dalyell Scholar you will also complete 12 credit points of distinctive Dalyell units. These units will be complemented by enrichment opportunities that you can tailor to your needs. They include accelerated study options, additional senior level units of study from outside your primary discipline, mentoring and professional skill development, and a global mobility experience.

**Assumed knowledge/Prerequisite**: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**: Accountant, business analyst, compliance officer, corporate/governance relations officer, data analyst, economist, entrepreneur, enterprise architect, financial dealer and broker, human resources specialist, international business strategist, investment banker, logistics and distribution manager, management consultant, marketing executive, market research analyst, project manager, risk manager.

B Commerce/ B Laws

**ATAR 99:5**

**IB 43**

**UAC 513800**

**5 years full time**

**Dalyell by invitation**

**Course description**: Pursue your interests in business and law through our combined degree program and graduate with a degree that will open doors to excellent career prospects in both fields. You will develop foundational knowledge of law, with the commercial, technical and management skills to launch your career as a legal practitioner, or step into the business world where a law degree is highly regarded. You’ll also have access to the Open Learning Environment and electives from the shared pool.

**Programs, majors and minors**: Refer to B Commerce.


**Assumed knowledge/Prerequisite**: Mathematics. Other assumed knowledge depends on the first-year subjects selected.

**Career possibilities**: Refer to B Commerce.


B Design Computing

**ATAR 80**

**IB 28**

**UAC 513105**

**3 years full time**

**Dalyell by invitation**

**Course description**: From websites and mobile apps to internet-of-things products and immersive environments, you will be at the leading edge of today’s user experience (UX) design world when you study with us. As a graduate your skills in design thinking coupled with technical skills, including code, will make you highly sought after by a range of employers.

**Programs, majors and minors**: Core areas of study include app design, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience and user-centred design. Core studies are in digital design, interaction design, information visualisation design and human computer experience. Related units may be taken from arts and social sciences, business, engineering, information technology, music and visual arts.

**Assumed knowledge/Prerequisite**: Mathematics

**Career possibilities**: Interaction designer, user experience designer, creative technologist, web designer, digital product designer.

B Design Computing/ B Advanced Studies

**ATAR 80**

**IB 28**

**UAC 513110**

**4 years full time**

**Dalyell by invitation**

**Course description**: From websites and mobile apps to internet-of-things products and immersive environments, you will be at the leading edge of today’s user experience (UX) design world when you study with us. As a graduate, your skills in design thinking coupled with technical skills, including code, will make you highly sought after by a range of employers. During this degree you will combine studies from a range of disciplines in the shared pool, undertake advanced coursework, and get involved in cross-disciplinary community, professional, research or entrepreneurial project work.

**Programs, majors and minors**: Core areas of study include app design, creative technology, design thinking, graphic design, information architecture, physical computing, sound design, user experience and user-centred design. Core studies are in digital design, interaction design, information visualisation design and human computer experience. You will also take a major from the shared pool and complete a research, community, industry or entrepreneurship project in your fourth year.

**Assumed knowledge/Prerequisite**: Mathematics

**Career possibilities**: Interaction designer, user-experience (UX) designer, creative director, business development, marketing consultant, communications adviser, project manager, design manager, web and multimedia designer, multimedia strategist, creative technologist.

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<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Design in Architecture</strong></td>
<td>The Bachelor of Design in Architecture is offered by the University of Sydney School of Architecture, Design and Planning, ranked first in Sydney and in the top 15 in the world for Architecture/Built Environment (QS World University Rankings by Subject 2017). This degree introduces you to the rewarding profession of architecture and is your first step to becoming a registered architect.</td>
<td>Core areas of study include architectural design, architectural history and theory, architectural technologies, architecture workshops, environment and sustainability, professional practice and architectural communications. You will have the option of choosing to specialise in one of three streams: allied arts in architecture, urban design and planning, or digital architecture. You can also take electives from the University of Sydney School of Architecture, Design and Planning as well as from other faculties and schools.</td>
<td>Architect, architectural technologist, interior and spatial designer, urban designer, project manager, property developer</td>
</tr>
<tr>
<td><strong>B Design in Architecture (Honours)/M Architecture</strong></td>
<td>If you are passionate about learning and aspire to be a groundbreaking thinker in the practice of architecture, this limited-intake, five-year double degree is a fast track to achieving your goals. It combines the undergraduate Bachelor of Design in Architecture with the postgraduate Master of Architecture. You will also attain undergraduate honours, which otherwise requires an additional full year of study.</td>
<td>Core areas of study include architectural design, history and theory, technologies, architecture workshops, environment and sustainability, professional practice and architectural communications. You will have the option of choosing to specialise in one of three streams: allied arts in architecture, urban design and planning, or digital architecture. You can also take electives from the University of Sydney School of Architecture, Design and Planning as well as from other faculties and schools.</td>
<td>Architect, design manager, academic</td>
</tr>
<tr>
<td><strong>B Economics</strong></td>
<td>The Bachelor of Economics introduces you to a diverse, fascinating discipline that addresses a range of big issues in modern life and plays a central role in shaping the broad framework of society at every level. It provides undergraduate training in theoretical and applied aspects of modern economics, econometrics and financial economics. Although primarily interested in explaining the behaviour of individuals, economics also addresses the collective behaviour of businesses and industries, governments and countries, and the globe as a whole. Economics is crucial to understanding and solving the major problems and challenges that world faces today, such as global warming, poverty, development, and recession. You will choose one major from the options below and either a second major or a minor from these options, those offered by the University of Sydney Business School (see B Commerce on page 58) or from the shared pool: Economics, econometrics, financial economics, agricultural and resource economics. You’ll also complete units from the Open Learning Environment.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E5) or equivalent</td>
<td>Accountant, banker, business consultant, business information systems analyst, economic analyst, economist, financial manager, human resource manager, industrial relations specialist, researcher, social policy adviser. It will equip you with key capabilities to develop economic and social policy and to work in fields such as business, banking, financial markets and consulting in both the private and public sectors.</td>
</tr>
<tr>
<td><strong>B Economics/BA Economics and BA Advanced Studies</strong></td>
<td>This combined degree will give you a comprehensive understanding of the economy, business and government, and the high-level technical skills to analyse economic and social data and events. A program in economics gives you an excellent grounding in economic theory and statistics, creating a study profile that reflects your expertise in a range of disciplines. High-achieving students will have the opportunity to complete the highly regarded honours pathway in economics. Honours is central to the strength of economics at the University of Sydney, providing expert training in applied economics, economic theory and econometrics. You will choose one major from the options below and a second major from these options, offered by the University of Sydney Business School (see B Commerce on page 58) or from the shared pool: economics, econometrics, financial economics, agricultural and resource economics. In your final year, you will also undertake advanced coursework and either an honours project or a substantial research, community, industry or entrepreneurship project that builds on the skills and knowledge developed in the Bachelor of Economics. You’ll also take units from the Open Learning Environment.</td>
<td>Assumed knowledge: Mathematics Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E5) or equivalent</td>
<td>Accountant, banker, business consultant, business information systems analyst, economic analyst, economist, financial manager, government or NGO worker, human resource manager, industrial relations specialist, researcher, social policy adviser</td>
</tr>
</tbody>
</table>

* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.*
**B Economics (Dual Degree, Sciences Po, France)**

<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Are you ready for the opportunity of a lifetime? Travel abroad, immerse yourself in the French culture, learn a new language and complete a dual degree with a social science focus, all at the same time. This four-year dual degree enables you to work towards both a Bachelor of Arts degree at Sciences Po in France for the first two years, and a Bachelor of Economics degree at the University of Sydney in the remaining two years.</td>
<td>Refer to B Economics for University of Sydney based majors. For further information on studies in France, including units of study, please refer to sydney.edu.au/arts/international/years_1_2.shtml</td>
<td><strong>Assumed knowledge</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
<td>Accountant, banker, business consultant, business information systems analyst, economic analyst, economist, financial manager, human resource manager, industrial relations specialist, researcher, social policy adviser</td>
</tr>
</tbody>
</table>

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**B Economics/ B Laws**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
<th>Degree and duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>99.5</td>
<td>43</td>
<td>n/a</td>
<td>4 years full time</td>
</tr>
</tbody>
</table>

**Dalyell by invitation**

Discover where economics and law collide with this versatile combined degree combination. Choose from a career in business, finance or the law and experience how your double degree enhances your knowledge, expertise and learning capacity.

Specialised career fields include compliance, securities regulation and economic analysis. As part of this degree, you’ll have access to the Open Learning Environment and electives from the shared pool.

**Assumed knowledge**


**Career possibilities**


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**B Education (Early Childhood)**

<table>
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<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
<th>Degree and duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>77</td>
<td>27</td>
<td>513240</td>
<td>4 years full time</td>
</tr>
</tbody>
</table>

**Assumed knowledge**

You will study specialist units in early childhood education and development, complemented by generalist units in education and professional studies, as well as elective units of study in the sciences, social sciences and humanities offered by the Faculty of Arts and Social Sciences, the Faculty of Science, and the University of Sydney Business School.

**Career possibilities**

Teaching in a range of early learning centres and preschools (birth–5 years). Qualified early childhood teachers are in high demand and early childhood education is a high priority for both federal and state governments in Australia. This qualification is not suitable for teachers seeking employment in the Kindergarten to Year 6 school sector.

**Professional recognition**

Australian Children’s Education and Care Quality Authority (ACECQA).

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**B Education (Health and Physical Education)^**

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
<th>Degree and duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>28</td>
<td>513245</td>
<td>4 years full time</td>
</tr>
</tbody>
</table>

**Career possibilities**

Teaching in secondary schools or careers in corporate training and human resource settings, community health, coaching, recreation and sport.

**Professional recognition**

NSW Education Standards Authority, NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office. The course is recognised nationally and internationally.

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\[\Delta\] The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ — see the Table notes on page 78.
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<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Education (Primary)^</strong>&lt;br&gt;ATAR A+C (85)&lt;br&gt;IB A+C (31)&lt;br&gt;UAC 513250&lt;br&gt;4 years full time&lt;br&gt;Inspire the next generation and gain a professional qualification to teach in a primary school with children aged 5-12 years.&lt;br&gt;Gain extensive experience at schools during this four-year degree, with school placements commencing in your first year. These begin with observing and interacting with small groups of primary school students, and later expand to include patterns of classroom interaction, teacher-developed curriculum materials and whole-school activities. When you undertake professional experience in fourth year, you will be fully competent to teach without close supervision.</td>
<td>Throughout this degree you will take generalist units of study in education and professional studies, along with units of study offered by the Faculty of Arts and Social Sciences, the Faculty of Science, and the University of Sydney Business School. Students who demonstrate high achievement in mathematics through secondary school or the first-year mathematics content may also elect to undertake a specialisation study pathway in mathematics. This degree covers all the key learning areas (primary subject areas), with special attention to the mandatory areas of Aboriginal education, teaching English to speakers of other languages (TESOL) and special education.</td>
<td><strong>Recommended studies</strong>&lt;br&gt;For mathematics specialisation: Mathematics or equivalent&lt;br&gt;<strong>Prerequisite</strong>&lt;br&gt;The NSW Education Standards Authority (NESA) requires Band 5 in three HSC subjects (or equivalent), one of which needs to be English (English Standard or English Advanced). Other applicants may be admitted through an approved comparable measure or alternative pathway, as approved by NESA.</td>
<td>Teacher, corporate trainer and development manager, curriculum consultant, educational administrator, educational researcher, government policy adviser&lt;br&gt;<strong>Professional recognition</strong>&lt;br&gt;NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office. The course is recognised nationally and internationally.</td>
</tr>
<tr>
<td><strong>B Education (School and Community Education)/B Arts</strong>#&lt;br&gt;ATAR A+C (nc)&lt;br&gt;IB A+C (incl)&lt;br&gt;UAC 513251&lt;br&gt;5 years full time&lt;br&gt;accelerated&lt;br&gt;Dalyell by invitation&lt;br&gt;This degree will give you a professional qualification to teach in schools, as well as specialist coursework and professional experiences in community education. This community education specialisation may include working in disadvantaged communities to effect change, working with Australian and international Indigenous communities, working with refugees, global education, including work with international NGOs, or working on education and wellbeing programs in alternative education settings (such as prisons or youth services).</td>
<td>You will take core units of study in education foundations, community education, and curriculum studies, alongside professional experience placements in schools and community sites. The two secondary school teaching areas may include: Aboriginal studies, commerce, English, geography, history, languages, mathematics and teaching English to speakers of other languages (TESOL). A major needs to be undertaken in your first teaching area alongside further study in your second teaching area.</td>
<td><strong>Assumed knowledge</strong>&lt;br&gt;Refer to B Arts&lt;br&gt;<strong>Refer to B Arts</strong>&lt;br&gt;Teacher with a specialisation equipping you to work in rural/remote, international, disadvantaged areas, alternative education sites. You will also be qualified to work in: community education and development, school leadership, policy development, curriculum development, NGOs. <strong>Professional recognition</strong>&lt;br&gt;NSW Education Standards Authority, NSW Department of Education, Association of Independent Schools of NSW, Catholic Education Office. The course is recognised nationally and internationally.</td>
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<tr>
<td><strong>B Education (Secondary: Humanities and Social Sciences)/B Arts</strong>&lt;br&gt;ATAR A+C (80)&lt;br&gt;IB A+C (28)&lt;br&gt;UAC 513255&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation&lt;br&gt;This five-year combined degree will give you a professional qualification to teach in secondary schools in the areas of humanities and social sciences. You will gain a strong practical and theoretical preparation for teaching. The course covers professional teaching, special education, international education, and information and communications technology. School observations and practice teaching are integral components of the professional experiences in this degree. Professional teaching experiences and internships are offered in partnership with participating schools and will provide you with the opportunity to develop your teaching skills and professional understanding of how to work in schools.</td>
<td>You will take core units of study in education, along with intensive study and professional experience in teaching areas. You need to select two teaching areas, and these may include: Aboriginal studies, business studies/commerce, drama, economics/commerce, English, geography, history, languages, mathematics and teaching English to speakers of other languages (TESOL). A major needs to be taken in your primary teaching area, alongside further study in a second teaching area. Business studies, geography, mathematics or TESOL may be taken as a second teaching area only. A third teaching area may be taken in TESOL or Aboriginal studies.</td>
<td><strong>Assumed knowledge</strong>&lt;br&gt;Refer to B Arts&lt;br&gt;<strong>Refer to B Arts</strong>&lt;br&gt;Teacher in areas including English, drama, history, mathematics, TESOL, geography, economics and languages, corporate trainer and development manager, curriculum consultant, educational administrator, educational researcher, government policy adviser, human resource manager&lt;br&gt;<strong>Professional recognition</strong>&lt;br&gt;NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office. The course is recognised nationally and internationally.</td>
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<tr>
<td>Course description</td>
<td>Programs, majors and minors</td>
<td>Assumed knowledge/Prerequisite</td>
<td>Career possibilities</td>
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<tr>
<td><strong>B Education (Secondary: Mathematics)/B Science</strong>&lt;br&gt;This five-year combined degree will give you a professional qualification to teach in secondary schools in mathematics or science.&lt;br&gt;You will acquire a strong practical and theoretical preparation for teaching. The course covers professional teaching, special education, international education, and information and communications technology. School observation and practice teaching are integral components of the professional experiences in this degree. This professional experience is offered in partnership with participating schools and will provide you with the opportunity to develop your teaching skills and professional understanding.</td>
<td>You will take core units of study in education along with intensive study and professional experience in teaching areas.&lt;br&gt;A major must be taken in mathematics. A second teaching area can be taken in one of the following: biology, chemistry, geography, physics. Graduates intending to teach science at a secondary level need to complete at least one year of study in chemistry or physics during their degree.</td>
<td>Mathematics or Mathematics Extension 1. Other assumed knowledge depends on the areas or units studied. Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Secondary teacher in areas including biology, chemistry, physics, geography and mathematics, secondary school leadership roles, policy development, corporate training or development. <strong>Professional recognition</strong>&lt;br&gt;The NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office. The course is recognised nationally and internationally.</td>
</tr>
<tr>
<td><strong>B Education (Secondary: Science)/B Science</strong>&lt;br&gt;This five-year combined degree will give you a professional qualification to teach in secondary schools in science.&lt;br&gt;You will acquire a strong practical and theoretical preparation for teaching. The course covers professional teaching, special education, international education, and information and communications technology. School observation and practice teaching are integral components of the professional experiences in this degree. This professional experience is offered in partnership with participating schools and will provide you with the opportunity to develop your teaching skills and professional understanding.</td>
<td>You will take core units of study in education, along with intensive study and professional experience in teaching areas.&lt;br&gt;Two teaching areas are selected from the following: biology, chemistry, earth and environmental science, geography, mathematics, physics. A major must be taken in a science teaching area.&lt;br&gt;Graduates intending to teach science at a secondary level need to complete at least 12 credit points of study in both mathematics and chemistry or physics during their degree.</td>
<td>For B Science: Mathematics or Mathematics Extension 1. Other assumed knowledge depends on the areas or units studied. Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Secondary teacher in areas including mathematics, biology, chemistry, physics and geography, secondary school leadership roles, policy development, corporate training or development. <strong>Professional recognition</strong>&lt;br&gt;The NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office. The course is recognised nationally and internationally.</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Dalyell Scholars)</strong>&lt;br&gt;Lead the next wave of engineering and information technology innovation. Replacing the previous Advanced Engineering stream, the Dalyell Scholars stream is open to engineering, advanced computing and project management students who demonstrate outstanding academic ability.&lt;br&gt;You will develop leadership and management expertise through a suite of enrichment opportunities, including specialised internships, distinctive units of study and paired mentoring with leaders in your chosen field.</td>
<td>In addition to your chosen engineering stream, as a Dalyell Scholar, you will complete distinctive Dalyell units and have access to enrichment opportunities that you can tailor to your needs. This includes accelerated study options, additional senior level units of study from outside your primary discipline, mentoring and professional skill development, and a global mobility experience.</td>
<td>Refer to the relevant engineering stream. Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Along with career options from your chosen stream, the valuable insights you gain through your studies as a Dalyell Scholar will set you apart from your peers and open up a range of opportunities across the public and private sectors, including in business, banking, consulting, entrepreneurship and project management.</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Aeronautical)</strong>&lt;br&gt;Design and operate the aircraft of tomorrow. The Bachelor of Engineering Honours (Aeronautical) develops a comprehensive understanding of the design process and operation of aircraft within the Earth’s atmosphere and in space.&lt;br&gt;By combining practical learning and industry experience, this degree will equip you for the aerospace industry’s next evolution.</td>
<td>There are more than 15 engineering majors to choose from in this stream. In addition, the faculty offers a major in space engineering to high-achieving students with an ATAR of 99 (or equivalent) or above.</td>
<td>Mathematics Extension 1 and Physics Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Design research and certification in the airline/aerospace industry, general engineering positions, and manufacturing and assembly.</td>
</tr>
<tr>
<td><strong>ATAR A+C (80)</strong>&lt;br&gt;IB A+C (28)&lt;br&gt;UAC 513260&lt;br&gt;5 years full time&lt;br&gt;Dalyell by invitation</td>
<td>Assumed knowledge/Prerequisite</td>
<td>Career possibilities</td>
<td></td>
</tr>
<tr>
<td><strong>Assumed knowledge</strong>&lt;br&gt;Mathematics or Mathematics Extension 1. Other assumed knowledge depends on the areas or units studied. Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Secondary teacher in areas including biology, chemistry, physics, geography and mathematics, secondary school leadership roles, policy development, corporate training or development. <strong>Professional recognition</strong>&lt;br&gt;The NSW Education Standards Authority, NSW Department of Education and Communities, Association of Independent Schools of NSW, Catholic Education Office. The course is recognised nationally and internationally.</td>
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<td></td>
</tr>
</tbody>
</table>
### B Engineering Honours (Biomedical)

**ATAR 92**
**IB 34**
**UAC 513535**
4 years full time

**Course description:** Lead the revolution in life-saving medical technology. The Bachelor of Engineering Honours (Biomedical) develops a comprehensive knowledge of all aspects of biomedical engineering.

**Programs, majors and minors:** There are more than 15 engineering majors to choose from in this stream. The majors that best align with this stream are chemical engineering, electrical engineering, humanitarian information technology, mechanical engineering and mechatronic engineering.

**Assumed knowledge/Prerequisite:**
- Assumed knowledge: Mathematics Extension 1, Physics and/or Chemistry
- Recommended studies: Biology
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities:** Clinical support specialist, instrumentation engineer, medical device assessor, patent examiner and field service engineer.

### B Engineering Honours (Chemical and Biomolecular)

**ATAR 92**
**IB 34**
**UAC 513535**
4 years full time

**Course description:** Lead positive change and improve lives. The Bachelor of Engineering Honours (Chemical and Biomolecular) will enable you to develop creative solutions throughout the chemical and environmental engineering fields.

**Programs, majors and minors:** There are more than 15 engineering majors to choose from in this stream. In 2019 two new majors that best align with this stream will commence: water and environmental treatment processes, and process intensification.

**Assumed knowledge/Prerequisite:**
- Assumed knowledge: Mathematics Extension 1 and Chemistry
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities:** All sectors of the process industries, from primary resource industries through to fine chemicals and sophisticated manufacturing.

### B Engineering Honours (Civil)

**ATAR 92**
**IB 34**
**UAC 513540**
4 years full time

**Course description:** Take a lead role in designing and transforming your world. Through practical and industry experiences, this degree develops the comprehensive ability to plan, design and test structures within the built and natural environments.

**Programs, majors and minors:** There are more than 15 engineering majors to choose from in this stream. The majors that best align with it are construction management, environmental engineering, geotechnical engineering, humanitarian engineering, structures and transport engineering.

**Assumed knowledge/Prerequisite:**
- Assumed knowledge: Mathematics Extension 1 and Physics
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities:** Aid worker, airport and harbour authorities, banks, construction and mining companies, engineering and infrastructure consultants, humanitarian architect, town planner, project management and public works, sustainability specialist.

### B Engineering Honours (Electrical)

**ATAR 92**
**IB 34**
**UAC 513545**
4 years full time

**Course description:** Create a brighter future. The Bachelor of Engineering Honours (Electrical) will develop your ability to design and build the systems and machines that generate, transmit, measure, control and use electrical energy.

**Programs, majors and minors:** It will position you to tackle the world’s biggest challenges in health, education and the environment.

**Assumed knowledge/Prerequisite:**
- Assumed knowledge: Mathematics Extension 1 and Physics
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities:** Grid maintenance and stability contractor, industry power supply engineer, power transmission and generating systems engineering, specialised consulting companies and telecommunications.

### B Engineering Honours (Flexible First Year)

**ATAR 92**
**IB 34**
**UAC 513550**
4 years full time

**Course description:** Discover where your strengths lie. The Bachelor of Engineering Honours (Flexible First Year) allows you to commence your studies with core subjects and then transfer into your engineering stream of choice at the end of your first semester or first year. You will still complete your engineering degree in the normal time (four years).

**Programs, majors and minors:** Students commencing their studies in Flexible First Year will have the opportunity to pursue a major once they have transferred to a stream. There are more than 15 engineering majors to choose from. You can find information about which majors align best with the different engineering streams under the individual stream information.

**Assumed knowledge/Prerequisite:**
- Assumed knowledge: Mathematics Extension 1, Physics and/or Chemistry
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities:** Refer to individual engineering streams for examples.

### B Engineering Honours (Mechanical)

**ATAR 92**
**IB 34**
**UAC 513555**
4 years full time

**Course description:** Design the machines that will engineer our future. The Bachelor of Engineering Honours (Mechanical) will develop your ability to design, manage and maintain a diverse range of mechanical applications.

**Programs, majors and minors:** Through practical learning and industry experiences, you will be ready to transform the use of machines across a range of innovative and emerging industries.

**Assumed knowledge/Prerequisite:**
- Assumed knowledge: Mathematics Extension 1 and Physics
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities:** Automated facilities, automatic control systems, biomedical implant design, building industry, design of automotive, underwater exploration and space vehicles, environmental pollution control, manufacturing industry, and mineral exploration.

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* B for Bachelor of, M for Master of and D for Doctor of
A+C, n/a, nc, *, t, f, @, &,”**, ***: see Table notes on page 78

* ATAR/IB scores published with an asterisk are indicative only and not fixed for 2019.
<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Engineering Honours (Mechatronic)</strong></td>
<td>Lead the next generation of machine design. The Bachelor of Engineering Honours (Mechatronic) combines mechanical, electronic and software engineering to enable you to create computer-controlled machines and consumer products. Our degree in mechatronic engineering is underpinned by industry experience and management training that could see you designing the smart systems of the future.</td>
<td>There are more than 15 engineering majors to choose from. The faculty offers a major in space engineering to high-achieving students. If you have an ATAR of 99 (or equivalent) or above, you may also apply for the space engineering major.</td>
<td>Automatic control systems, product design and development, robotics and automation for advanced manufacturing, and software design and development for real-time computer systems</td>
</tr>
<tr>
<td><strong>B Engineering Honours (Software)</strong></td>
<td>Create the software and games of tomorrow. Through the Bachelor of Engineering Honours (Software) you will learn first hand how to design and develop computer games, business applications, operating systems and network control systems. Combining technical knowledge with industry experience, you will be ready to transform the digital world.</td>
<td>There are more than 15 engineering majors to choose from. The majors that best align with this stream are computer engineering, power engineering, and telecommunications engineering.</td>
<td>Artificial intelligence, control systems, database management, information technology, internet programming, language compilers, multimedia and telecommunication software systems, real-time software engineering and reliable biomedical systems</td>
</tr>
<tr>
<td><strong>B Engineering Honours with space engineering major</strong></td>
<td>Revolutionise the next generation of space exploration. An innovative program, the space engineering major covers all space-related activities, from ground operations to the design and construction of orbital bodies and explorative spacecraft. You will learn to tackle nature's most unforgiving environment in a dynamic and continually evolving industry.</td>
<td>The Space major is available in aeronautical, mechanical and mechatronic streams – Refer to the relevant stream. The major in space engineering covers studies in aerospace systems, electronic devices and circuits, orbital mechanics, space vehicle design and systems engineering.</td>
<td>Along with career options from your chosen stream, you can apply your specialised knowledge of the space environment to careers in the aerospace, defence, environmental and research sectors.</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Arts</strong></td>
<td>This combined degree allows you to study engineering while pursuing your interests in the humanities, social sciences or languages. You can combine any of the Bachelor of Engineering Honours streams with a Bachelor of Arts, where you will access the Open Learning Environment and the shared pool of majors, minors and electives.</td>
<td>In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Arts. You may take a minor or electives from the shared pool.</td>
<td>Refer to relevant B Engineering Honours stream and B Arts</td>
</tr>
<tr>
<td><strong>B Engineering Honours/ B Commerce</strong></td>
<td>This combined degree is designed to extend the management component of the Bachelor of Engineering Honours. You can combine any of the engineering streams with a Bachelor of Commerce, where you will access the Open Learning Environment and the shared pool of majors, minors and electives.</td>
<td>In addition to the relevant B Engineering Honours stream requirements, you will take a major from B Commerce. You may also take a minor or electives from the shared pool.</td>
<td>Refer to relevant B Engineering Honours stream and B Commerce</td>
</tr>
</tbody>
</table>

Δ. The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC 'Mathematics' subject or equivalent, not ‘Mathematics General’ – see the Table notes on page 78.
### B Engineering Honours (Civil)/B Design in Architecture

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
<th>Duration</th>
<th>Admission Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>37</td>
<td>513585</td>
<td>5 years full-time</td>
<td>Dalyell by invitation</td>
</tr>
</tbody>
</table>

**Course description:** Design unique and innovative infrastructure. In the Bachelor of Engineering Honours (Civil) and Bachelor of Design in Architecture combined degree you will learn to analyse the forces within a structure and to design its skeleton to support these forces, complemented by the conceptual and aesthetic essentials of the design process.

**Programs, majors and minors:** Refer to B Engineering Honours (Civil) and B Design in Architecture.

**Assumed knowledge/Prerequisite:** Refer to B Engineering Honours (Civil) and B Design in Architecture.

**Career possibilities:** Aid worker, airport and harbour authorities, architecture, architectural technology, banks, construction and mining companies, engineering and infrastructure consultants, humanitarian architect, interior and spatial design, municipal councils, project management, property development, public works and urban design, sustainability specialist.

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### B Engineering Honours/ B Laws

<table>
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<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
<th>Duration</th>
<th>Admission Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>99.5</td>
<td>43</td>
<td>5135800</td>
<td>6 years full-time</td>
<td>Dalyell by invitation</td>
</tr>
</tbody>
</table>

**Course description:** This six-year combined degree will provide an excellent foundation for a career in law or engineering. Your engineering studies will emphasise the practical aspects of science, while your law studies will focus on the interpretation and application of the legal system. You can combine any of the engineering streams with a Bachelor of Laws.

**Programs, majors and minors:** Refer to the relevant B Engineering Honours stream.

**Assumed knowledge/Prerequisite:** Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream.

**Career possibilities:** Refer to the relevant B Engineering Honours stream.

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### B Engineering Honours/ B Project Management

<table>
<thead>
<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
<th>Duration</th>
<th>Admission Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>34</td>
<td>513590</td>
<td>5 years full-time</td>
<td>Dalyell by invitation</td>
</tr>
</tbody>
</table>

**Course description:** In this combined degree you will develop technical expertise in your chosen engineering stream and complementary project management skills. Along with engineering, you will study core project management subjects including project finance, complex project coordination, analytics, risk management, organisational behaviour and psychology. You can combine any engineering stream with a Bachelor of Project Management.

**Programs, majors and minors:** Refer to the relevant B Engineering Honours stream and B Project Management.

**Assumed knowledge/Prerequisite:** Mathematics Extension 1 and, either Physics or Chemistry, depending on the engineering stream.

**Career possibilities:** Refer to the relevant B Engineering Honours stream and B Project Management.

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### B Engineering Honours/ B Science

<table>
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<tr>
<th>ATAR</th>
<th>IB</th>
<th>UAC</th>
<th>Duration</th>
<th>Admission Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>34</td>
<td>513595</td>
<td>5 years full-time</td>
<td>Dalyell by invitation</td>
</tr>
</tbody>
</table>

**Course description:** This combined degree emphasises the strong scientific foundations of engineering. It will expand your career options by giving you two qualifications with just one extra year of study. In addition to your engineering stream, you will complete a major in science. You can combine any engineering stream with a Bachelor of Science, where you will access the Open Learning Environment and the shared pool of majors, minors and electives.

**Programs, majors and minors:** Refer to the relevant B Engineering Honours stream requirements, you will take a major from B Science. You may also take a minor or electives from the shared pool.

**Assumed knowledge/Prerequisite:** Mathematics Extension 1 and, either Physics or Chemistry, depending on the Engineering stream. Refer to the relevant stream. Other assumed knowledge depends on the science programs or areas studied.

**Career possibilities:** Refer to the relevant B Engineering Honours stream and B Science.
<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Engineering Honours/ B Science (Health)</strong></td>
<td>This combined degree enables you to gain technical expertise in your chosen engineering stream and complementary knowledge in health and healthcare provision. Along with engineering, you will gain a thorough grounding in health and health systems at local, national and global levels. The degree will open up career opportunities across a range of diverse and innovative industries. You can combine any engineering stream with a Bachelor of Science (Health), where you will access the Open Learning Environment and the shared pool of majors and minors and electives.</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Health).</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Health)</td>
</tr>
<tr>
<td>ATAR 92</td>
<td>IB 34</td>
<td>Assumed knowledge</td>
<td></td>
</tr>
<tr>
<td>UAC 513500</td>
<td>5 years full time</td>
<td>Mathematics Extension 1, Physics and/or Chemistry. Other assumed knowledge depends on the science programs or areas studied</td>
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<tr>
<td>Dalyell by invitation</td>
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<td>PrerequisiteA</td>
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<td></td>
<td></td>
<td>Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
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<tr>
<td><strong>B Engineering Honours/ B Science (Medical Science)</strong></td>
<td>This five-year combined degree links the core elements of engineering and medical science. The technology-based engineering skills you develop during your studies will be complemented by skills in medical sciences. It forms an ideal base for postgraduate research or graduate studies in medicine or dentistry. You can combine any engineering stream with a Bachelor of Science (Medical Science), where you will access the Open Learning Environment and the shared pool of majors, minors and electives.</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Medical Science).</td>
<td>Refer to the relevant B Engineering Honours stream and B Science (Medical Science)</td>
</tr>
<tr>
<td>ATAR 92</td>
<td>IB 34</td>
<td>Assumed knowledge</td>
<td></td>
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<tr>
<td>UAC 513505</td>
<td>5 years full time</td>
<td>Mathematics Extension 1, Chemistry, and either Biology or Physics</td>
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<tr>
<td>Dalyell by invitation</td>
<td></td>
<td>PrerequisiteA</td>
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<tr>
<td></td>
<td></td>
<td>Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent</td>
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<tr>
<td><strong>B Liberal Arts and Science</strong></td>
<td>With its flexibility and huge choice of majors, the Bachelor of Liberal Arts and Science provides you with a background in both the humanities and the sciences, and gives you useful skills that will make you highly valued by potential employers in jobs across the market. From writing and presenting to thinking ethically and critically, this degree is your preparation for life beyond the classroom.</td>
<td>Arts majors include: agricultural and resource economics; American studies; ancient Greek; ancient history; anthropology; Arabic language and cultures; archaeology; art history; Asian studies; biblical studies and classical Hebrew; Chinese studies; cultural studies; digital cultures; economics; economic policy; English; European studies; film studies; French and francophone studies; gender studies; Germanic studies; Hebrew (modern); history; Indigenous studies; Indonesian studies; international comparative literary studies; international relations; Italian studies; Japanese studies; Jewish civilisation, thought and culture; Korean studies; Latin; linguistics; modern Greek studies; music; philosophy; political economy; politics; socio-legal studies; sociology; Spanish and Latin American studies; studies in religion; theatre and performance studies. Science majors include: anatomy and histology; applied medical science; biochemistry; bioinformatics; biology; cell pathology; chemistry; computer science; environmental studies; financial mathematics and statistics; geography; geology and geophysics; history and philosophy of science; immunobiology; information systems; marine science; mathematics; medicinal chemistry; microbiology; molecular biology and genetics; nanoscience and technology; neuroscience; nutrition and metabolism; pharmacology; physics; physiology; plant science; psychology; soil science; statistics.</td>
<td>Assumed knowledge Depends on the subject areas chosen</td>
</tr>
<tr>
<td>ATAR 70</td>
<td>IB 25</td>
<td>Assumed knowledge</td>
<td></td>
</tr>
<tr>
<td>UAC 513900</td>
<td>3 years full time</td>
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</tr>
</tbody>
</table>

∆ The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ – see the Table notes on page 78.
<table>
<thead>
<tr>
<th>Course description</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Music</strong></td>
<td>You will choose from the following programs: contemporary music practice; creative music; digital music and media; improvised music; or choose a musicology major. You may also take an optional major or electives from the shared pool.</td>
<td>Assumed knowledge: Music 1 or 2 or equivalent</td>
<td>These depend on the areas of study and could include: arts administrator, music producer, singer/songwriter, contemporary musician, festival or venue manager, composer, music arranger, sound installation designer, interactive music designer, jazz musician, music journalist, music researcher, event producer.</td>
</tr>
<tr>
<td>ATAR A+C</td>
<td>IB A+C</td>
<td>UAC 513400</td>
<td>4 years full time</td>
</tr>
<tr>
<td><strong>B Music (Performance)</strong></td>
<td>You will take an instrumental (including jazz) or vocal (classical) principal study from brass, early music, jazz performance, percussion, piano, strings, voice (classical), woodwind. In addition, you will complete core studies in music skills and analysis, history, culture, performance, ensemble studies and pedagogy.</td>
<td>Assumed knowledge: Music 2 or equivalent</td>
<td>Concert soloist, contemporary musician, private music teacher, orchestral musician, chamber musician, concert entrepreneur, arts manager</td>
</tr>
<tr>
<td>ATAR A+C</td>
<td>IB A+C</td>
<td>UAC 513415</td>
<td>4 years full time</td>
</tr>
<tr>
<td><strong>B Music (Composition)</strong></td>
<td>You will have the opportunity to study in both traditional and electroacoustic composition areas, including computer music, digital music and sound art. Core studies are taken in analysis, composer performance workshop, composition through improvisation, history and culture, and music skills (aural perception, harmony and analysis).</td>
<td>Assumed knowledge: Music 1 or 2 or equivalent</td>
<td>Composer, contemporary musician, concert entrepreneur, music teacher</td>
</tr>
<tr>
<td>ATAR A+C</td>
<td>IB A+C</td>
<td>UAC 513405</td>
<td>4 years full time</td>
</tr>
<tr>
<td><strong>B Music (Education)</strong></td>
<td>Music education, plus instrument or voice or academic study selected from brass, composition, historical performance, jazz studies, musicology, organ, percussion, piano, strings, vocal studies, woodwind. Studies are also undertaken in analysis, history and cultural studies, and music skills (aural perception, harmony and analysis).</td>
<td>Assumed knowledge: Music 2 or equivalent</td>
<td>Classroom music teacher, private music teacher, conductor, orchestral musician, chamber musician, concert soloist, professional recognition: The NSW Education Standards Authority (NESA) requires Band 5 in three HSC subjects (or equivalent) one of which needs to be English (English Standard or English Advanced). Other applicants may be admitted through an approved comparable measure or alternative pathway as approved by NESA.</td>
</tr>
<tr>
<td>ATAR A+C</td>
<td>IB A+C</td>
<td>UAC 513410</td>
<td>4 years full time</td>
</tr>
</tbody>
</table>

"B" for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'

ATAR/IB scores published with an asterisk are indicative only and not fixed for 2019.
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<tr>
<td><strong>B Nursing (Advanced Studies)</strong></td>
<td>Provide high-quality care and change lives. The Bachelor of Nursing (Advanced Studies) develops a comprehensive understanding of professional nursing practice. Combining practical learning with extensive clinical placements, this degree will enable you to apply for registration with the Nursing and Midwifery Board of Australia and launch your career in healthcare.</td>
<td>Focus areas for nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental healthcare and management, pharmacology, physiology, primary healthcare, professional practice, social and health policy.</td>
<td>Registered nurse with a career in a range of healthcare settings, including emergency, intensive care, mental health, cancer and palliative care, aged care, child and adolescent health, international health, education and research. Professional recognition Midwifery Board of Australia</td>
</tr>
<tr>
<td><strong>B Oral Health</strong></td>
<td>Through practical learning and clinical placements, the Bachelor of Oral Health equips you with the required skills, knowledge and experience to deliver oral health education and promotion, dental hygiene and dental therapy services to patients and communities throughout Australia and New Zealand. Fully accredited by the Australian Dental Council, graduates are eligible for registration with the Dental Board of Australia and are licensed with the Environmental Protection Authority to use diagnostic radiation.</td>
<td>Your studies will include dental hygiene, oral health therapy and oral health promotion.</td>
<td>Dental assistant, dental hygienist, dental technician, oral health educator. Professional recognition Australian Dental Council, Dental Board of Australia</td>
</tr>
<tr>
<td><strong>B Pharmacy</strong></td>
<td>Transform and enrich lives. The Bachelor of Pharmacy develops a comprehensive understanding of how drugs are developed and medications affect the human body. The degree is accredited by the Australian Pharmacy Council and leads to registration as a pharmacist. Combining hands-on learning with clinical experience, this degree is your first step to becoming a registered pharmacist. Pharmacists are an integral part of the healthcare system and have the capacity to directly affect the lives and lifestyles of the people with whom they interact.</td>
<td>Completion of a major is not a requirement. Candidates have the option of completing one major, in either Industrial Pharmacy (consisting of an extended professional placement) or International Pharmacy, which provides an opportunity to participate in an international exchange program as part of the requirements of this major. Your studies will include biology, chemistry, medicinal chemistry, pharmaceutical sciences, pharmaceutics, pharmacology, pharmacy and pharmacy practice.</td>
<td>A wide variety of career choices are open to registered pharmacists in community pharmacy (community practice), hospital pharmacy, research positions within universities or research institutes, or positions in the pharmaceutical industry in drug production, marketing or drug development. Professional recognition Australian Pharmacy Council</td>
</tr>
<tr>
<td><strong>B Pharmacy and Management</strong></td>
<td>The Bachelor of Pharmacy and Management is an innovative, five-year degree that teaches a unique combination of pharmacy skills and business knowledge to develop the commercial, clinical and communication skills necessary to thrive in a changing and competitive healthcare landscape. Combining hands-on learning with clinical experience, this program is your first step to becoming a registered pharmacist and playing a vital and rewarding role in healthcare provision.</td>
<td>Completion of a major is not a requirement. Candidates have the option of completing one major in the fifth year, in either Industrial Pharmacy (consisting of an extended professional placement) or International Pharmacy, which provides an opportunity to participate in an international exchange program as part of the requirements of this major. Your studies will include biology, chemistry, medicinal chemistry, pharmaceutical sciences, pharmaceutics, pharmacology, pharmacy and pharmacy practice as well as business.</td>
<td>A wide variety of career choices are open to registered pharmacists in community pharmacy (community practice), hospital pharmacy, research positions within universities or research institutes, or positions in the pharmaceutical industry in drug production, marketing or drug development. The management component of this course will give you the skills required to run your own business. Professional recognition Australian Pharmacy Council</td>
</tr>
<tr>
<td>Course description</td>
<td>Programs, majors and minors</td>
<td>Assumed knowledge/Prerequisite</td>
<td>Career possibilities</td>
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<tr>
<td><strong>B Project Management</strong></td>
<td>Streams available include: built environment, civil engineering science or software. Core units of study include analytics, complex project coordination, organisational behaviour, project psychology, risk management, statistics. You will undertake a capstone project in the final year. Built environment stream units are held within the University of Sydney School of Architecture, Design and Planning.</td>
<td>Assumed knowledge Mathematics Extension 1 Prerequisite Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Professional and management roles in property development, construction, mining, events, IT, banking and finance, state or federal government or in consultancy roles in engineering, water health or energy sectors.</td>
</tr>
<tr>
<td><strong>B Psychology</strong></td>
<td>You will complete a program in psychology, a minor from the shared pool and electives from either psychology, the shared pool or the Open Learning Environment. You will then undertake honours units in psychology.</td>
<td>Assumed knowledge Science stream: Mathematics. Both streams: Other assumed knowledge depends on subjects chosen Prerequisite Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Clinical psychologist (with additional study), neuroscientist, organisational psychologist, market researcher, advertising executive, social psychology researcher, learning and attention researcher.</td>
</tr>
<tr>
<td><strong>B Science</strong></td>
<td>Choose one major from the options below and a second major or a minor either from the shared pool or from the shared pool: agroecosystems (program); animal health, disease and welfare; animal production; applied medical science; biochemistry and molecular biology; biology; cell and developmental biology; chemistry; computer science; data science; ecology and evolutionary biology; environmental science (program); environmental studies; financial mathematics and statistics; food science; genetics and genomics; geography; geology and geophysics; history and philosophy of science; immunology (minor); immunology and pathology; infectious diseases; information systems; marine science; mathematical sciences (program - for Dalyell only); mathematics; medicinal chemistry; microbiology; neuroscience (program); nutrition science; pathology (minor); pharmacology; physics; physiology; plant production; plant science (minor only); psychological sciences***; psychology (program); quantitative life sciences; software development; soil science and hydrology; statistics; virology (minor only); wildlife conservation (minor only).</td>
<td>Assumed knowledge Mathematics or Mathematics Extension 1. All students undertake some study in mathematics. Prerequisite Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, mathematician, medical scientist, nanoscientist, nutritionist (after further study), psychologist (after further study), plant geneticist, soil scientist. See B Science (Medical Science). The Bachelor of Science equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.</td>
</tr>
</tbody>
</table>

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* ‘B’ for ‘Bachelor of’, ‘M’ for ‘Master of’ and ‘D’ for ‘Doctor of’

† A+C, n/a, nc, †, ‡, #, ф, **, ***: see ‘Table notes’ on page 78

* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.
The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ – see the Table notes on page 78.

**Course description**
- **B Science (Health)**
  - Health is one of the fastest growing sectors. You will learn to understand the nature of the health problems facing global communities and how to design effective healthcare approaches to serve our increasingly consumer-driven, ageing population. The Bachelor of Science (Health) provides you with a comprehensive understanding of health that you can tailor to suit your own interests.

**Programs, majors and minors**
- This stream requires completion of a major in health. A minor or second major must be taken either from those available in the B Science, in Human Movement (only available to students enrolled in Health stream) or from the shared pool.

**Assumed knowledge/Prerequisite**
- **Assumed knowledge**
  - Mathematics or Mathematics Extension 1. All students undertake some study in mathematics.
  - For the Human Movement major: Chemistry.

**Career possibilities**
- Health promotion, policymaking, project and case management, healthcare administration, work in insurance, business development, marketing and public relations, research assistance, strength and conditioning consultant, research assistant.

**B Science (Medical Science)**
- With the rise of personalised medicine, an increase in jobs in the broad medical and health sciences is predicted. Whether you want to work at the forefront of medical research or become a doctor or dentist with further study, the Bachelor of Science (Medical Science) will give you the essential foundation for a rewarding career improving the health of people and the community.

**Programs, majors and minors**
- This stream requires completion of a program in Medical Science, including a Medical Science major. A second major or minor must also be taken from those available in the B Science or from the shared pool.

**Assumed knowledge/Prerequisite**
- **Assumed knowledge**
  - Mathematics or Mathematics Extension 1.
  - Chemistry and either Physics or Biology. All students undertake some study in mathematics.

**Career possibilities**
- Medical researcher, pathologist, doctor (after further study), dentist (after further study), histologist, physiologist, microbiologist, biochemist, biomedical device designer.

**B Science/B Advanced Studies**
- This degree opens up a world of opportunity. Whether you dream about working at the forefront of research, learning how to analyse and think critically, or want to help make the planet a better place, you will gain highly sought-after skills for a huge range of careers - from the sciences and beyond.

**Programs, majors and minors**
- You will combine studies from a range of disciplines, undertake advanced coursework, and have access to the Open Learning Environment.

**Assumed knowledge/Prerequisite**
- **Assumed knowledge**
  - Mathematics or Mathematics Extension 1. All students undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.

**Career possibilities**
- Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist.

The Bachelor of Science/B Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.

*Note: The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ - see the Table notes on page 78.*
Course description

B Science/B Advanced Studies (Dalyell Scholars)

As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies, you have the opportunity to cultivate scientific expertise alongside the essential critical and analytical skills necessary to navigate today’s dynamic world. Your studies throughout the sciences will be complemented by distinctive Dalyell units and enrichment opportunities. Dalyell Scholars have the option of completing a Mathematical Sciences program to combine your interest in mathematics with other areas of science and technology.

B Science/B Advanced Studies (Advanced)

This combined degree offers exceptional opportunities to budding scientists who relish a challenge. From independent research to in-depth problems and lectures, the advanced stream will give you the skills to embark on postgraduate study or work at the forefront of research. In this degree you will undertake advanced versions of units of study within your selected majors, combine studies from a range of disciplines, undertake advanced coursework and have access to the Open Learning Environment. In the final year you will also complete either an honours project or a substantial research, community, industry or entrepreneurship project.

B Science/B Advanced Studies (Agriculture)

Whether you dream about being at the forefront of agricultural research, or want to help make the future of food more secure and the planet a better place, this degree will give you highly sought-after skills for a huge range of careers. In this combined degree, you will complete studies from a range of disciplines, undertake advanced coursework and have access to the Open Learning Environment. In the final year you will also complete either an honours project or a substantial research, community, industry or entrepreneurship project.

Programs, majors and minors

Refer to B Science/B Advanced Studies. A second major must also be taken from these options or from the shared pool.

As a Dalyell Scholar, you will undertake 12 credit points of distinctive Dalyell units complemented by a suite of additional enrichment opportunities, including mentoring, professional skill development and a global mobility experience.

As a Dalyell Scholar in the Bachelor of Science/Bachelor of Advanced Studies, you have the opportunity to cultivate scientific expertise alongside the essential critical and analytical skills necessary to navigate today’s dynamic world. Your studies throughout the sciences will be complemented by distinctive Dalyell units and enrichment opportunities. Dalyell Scholars have the option of completing a Mathematical Sciences program to combine your interest in mathematics with other areas of science and technology.

Assumed knowledge/Prerequisite

B Science/B Bachelor of Advanced Studies.

Required knowledge/Assumed knowledge

Refer to B Science/B Advanced Studies.

Requirements

Majors with advanced units of study include: anatomy and histology; biochemistry and molecular biology; biology; cell and developmental biology; chemistry; computer science; data science; ecology and evolutionary biology; environmental studies; financial mathematics and statistics; food science; genetics and genomics; geography; geology and geophysics; history and philosophy of science; infectious diseases; information systems; marine science; mathematics; medicinal chemistry; microbiology; neuroscience; nutrition science; physics; physiology; plant production; psychological sciences***; qualitative life sciences; software development; soil science and hydrology; statistics.

A second major must also be taken from these options or from the shared pool.

Career possibilities

Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist

The Bachelor of Science/Bachelor of Advanced Studies equips you with the breadth and depth of knowledge and the critical analytical skills to pursue an extensive range of established and emerging careers. It prepares you for the jobs of the future.

Agricultural scientist, astronomer, biosecurity researcher, ecologist, environmental policymaker, food chemistry analyst, hydrologist, investment banker, journalist, mathematician, medical scientist, nanoscientist, nutritionist, psychologist, plant geneticist, soil scientist, veterinarian

(after further study)

Agronomist, sustainable agriculture researcher, plant geneticist, animal reproduction specialist, environmental microbiologist, agricultural journalist, commodities trader, precision soil scientist

**B** for ‘Bachelor of’, **M** for ‘Master of’ and **D** for ‘Doctor of’

A+C, n/a, nc, *, †, ‡, #, ф, **, ***: see ‘Table notes’ on page 78

* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.
### B Science/ B Advanced Studies (Animal and Veterinary Bioscience)

**Course description**
To further your passion for animal biology, this degree will give you fundamental and applied knowledge in animal biosciences. You will acquire a broad overview of both domestic animals and wildlife species, how they interact with their environment, and the integrated comparative knowledge in fields such as applied biotechnologies, reproduction and nutrition. This will be supported by detailed knowledge of animal structure and function and a focus on application of innovative approaches and technologies to enhance animal management and welfare.

**Programs, majors and minors**
This stream requires completion of a program in Animal and Veterinary Bioscience, including an Animal and Veterinary Bioscience major. A second major must also be taken from those available in B Science or from the shared pool. You will also undertake advanced coursework and have access to the Open Learning Environment. In the final year you will also complete either an honours project or a substantial research, community, industry or entrepreneurship project.

**Assumed knowledge/ Prerequisite**
- Assumed knowledge: Mathematics and Chemistry. All students undertake some study in mathematics.
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Agricultural scientist, animal health and welfare professional, animal ethicist, animal nutritionist, biosecurity researcher, ecologist, environmental policymaker, geneticist, wildlife population manager, veterinarian (with further study in the Doctor of Veterinary Medicine)

### B Science/ B Advanced Studies (Food and Agribusiness)

**Course description**
The Bachelor of Science/Bachelor of Advanced Studies (Food and Agribusiness) will allow you to capitalise on the huge growth in the Australian food and beverage sector that is generating demand for a more skilled and capable workforce.

**Programs, majors and minors**
This stream requires completion of a program in food and agribusiness, including a major in food science and a second major from the shared pool in one of the following: econometrics, financial economics, economic policy, agricultural and resource economics, accounting, banking, business analytics, business information systems, commercial law, finance, industrial relations, marketing and public relations, research assistant, sports and conditioning consultant.

**Assumed knowledge/ Prerequisite**
- Assumed knowledge: Mathematics, Chemistry. All students undertake some study in mathematics.
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Agribusiness consultant, food chemist, food safety specialist, food technologist, laboratory technician, market researcher, product/ process developer, quality assurance manager, procurement officer, regulatory affairs officer, research scientist, sales and marketing, supply chain and logistics manager.

### B Science/ B Advanced Studies (Health)

**Course description**
Health is one of Australia’s fastest-growing sectors. This course provides a thorough grounding in health and health systems at the local, national and global levels. You will graduate with the ability to navigate the complexity of health in different sociocultural, political and economic contexts. You will develop core skills in critical thinking, complex problem-solving, communication and empathy.

**Programs, majors and minors**
In this combined degree, you will complete studies from a range of disciplines, undertake advanced coursework, and have access to the Open Learning Environment. In the final year you will also complete either an honours project or a substantial research, community, industry or entrepreneurship project.

**Assumed knowledge/ Prerequisite**
- Assumed knowledge: Mathematics or Mathematics Extension 1. All students undertake some study in mathematics.
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Health promotion, policymaking, healthcare administration, project and case management, work in insurance, business development, marketing and public relations, research assistant, sport and conditioning consultant.

### B Science/ B Advanced Studies (Medical Science)

**Course description**
With the rise of personalised medicine, an increase in jobs in the broad medical and health sciences is predicted. Whether you want to work at the forefront of medical research or become a doctor or dentist with further study, this degree will give you the essential foundation for a rewarding career improving the health of people and the community.

**Programs, majors and minors**
In this combined degree, you will complete studies from a range of disciplines, undertake advanced coursework, and have access to the Open Learning Environment. In the final year you will also complete either an honours project or a substantial research, community, industry or entrepreneurship project.

**Assumed knowledge/ Prerequisite**
- Assumed knowledge: Mathematics or Mathematics Extension 1. A second major must also be taken from those available in B Science or from the shared pool.
- Prerequisite: Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Medical researcher, pathologist, doctor (with further study), dentist (with further study), histologist, physiologist, microbiologist, biochemist, biomedical device designer, anatomy researcher, infectious diseases researcher, geneticist.

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Delta: The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ – see the Table notes on page 78.
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<tbody>
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<td><strong>B Science/ B Advanced Studies (Taronga Wildlife Conservation)</strong>#</td>
<td>You will take a program in Taronga Wildlife Conservation which includes a Wildlife Conservation major that combines biology and conservation management. You will take a second major from the B Science or the shared pool. The Taronga Wildlife Conservation stream also includes additional prescribed units of study in mathematics and animal sciences. It will provide students with extensive training in wildlife conservation by incorporating the study of biodiversity and evolution, animal science, and animal behaviour and management. In this combined degree, you will undertake advanced coursework and have access to the Open Learning Environment. In the final year you will also undertake either an honours project or an industry, community or entrepreneurship project, including professional skills.</td>
<td><strong>Assumed knowledge</strong> Chemistry, Mathematics <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Ecologist, animal reproduction specialist, environmental policy maker, veterinarian (after further study). Graduates will have attained advanced biology and wildlife conservation research skills combined with curiosity and self-direction, deep and broad intercultural skills enhanced via mobility opportunities. They’ll gain the skills to lead community behavioural change towards sustaining our planet’s biodiversity.</td>
</tr>
<tr>
<td><strong>B Science/ B Laws</strong></td>
<td>Refer to B Science. Please note that the only stream available in this combined degree is the Dalyell stream. <strong>Units of study for Law:</strong> First year: foundations of law, legal research I, torts. Second year: civil and criminal procedure, contracts, criminal law. Third year: torts and contracts II, legal research II, public international law, public law. Fourth year: administrative law, corporations law, equity, evidence, federal constitutional law, introduction to property and commercial law, real property and the legal profession. Final year: private international law A and seven elective units of study.</td>
<td><strong>Assumed knowledge</strong> Mathematics or Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Refer to B Science. For Law: solicitor, barrister, magistrate, judge. Non-legal: diplomacy, foreign affairs, human rights, international relations, investment banking, journalism, management consultancy, public policy</td>
</tr>
<tr>
<td><strong>B Science/ D Dental Medicine</strong>Φ</td>
<td>Refer to B Science. All students undertake first-year biology and some units of study in mathematics. As a Dalyell Scholar, you will gain a deeper understanding of the scientific fundamentals that underpin dentistry and be better prepared for any career path you choose. This double degree is delivered by the faculties of Science and Dentistry.</td>
<td><strong>Assumed knowledge</strong> Refer to B Science <strong>Prerequisite</strong> Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Dentist in private practice, public service (hospitals, schools, health departments), defence forces, oral health researcher, academic careers, and a variety of specialisation options upon completion of professional and research experience</td>
</tr>
</tbody>
</table>

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A+C, n/a, nc, *, †, ‡, §, ‡‡, ***, see ‘Table notes’ on page 78

* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.
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<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Science/ D Medicine‡</strong>&lt;br&gt; ATAR A+C (99.95)<em>&lt;br&gt; IB A+C (45)</em>&lt;br&gt; UAC 513720&lt;br&gt; 7 years full time&lt;br&gt; Dalyell by invitation</td>
<td>You may elect to complete the Medical Science stream or choose from a wide range of majors from across the sciences. Refer to B Science, B Science (Medical Science) and the course website: sydney.edu.au/courses&lt;br&gt; During the Bachelor of Science you will complete foundational knowledge units for medicine plus a zero-credit-point subject in Medicine.&lt;br&gt; In the Doctor of Medicine component, practical experience – including contact with patients and observation of the physical aspects of disease – commences in the first year and continues to the final year. Dalyell Scholars will complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes. You will also have access to a suite of additional enrichment opportunities.</td>
<td><strong>Assumed knowledge</strong>&lt;br&gt; Refer to B Science and/or B Science (Medical Science)&lt;br&gt; <strong>Prerequisite</strong>&lt;br&gt; Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>General practitioner or specialist, surgeon, researcher, pharmaceutical industry, management consultancy, teaching, medical administration, medical communication</td>
</tr>
<tr>
<td><strong>B Science/ D Medicine‡</strong>&lt;br&gt; (for Aboriginal and Torres Strait Islander applicants only)&lt;br&gt; ATAR A+C&lt;br&gt; IB A+C&lt;br&gt; UAC 513720&lt;br&gt; 7 years full time&lt;br&gt; Dalyell by invitation</td>
<td>You may elect to complete the Medical Science stream or choose from a wide range of majors from across the sciences. Refer to B Science, B Science (Medical Science) and the course website: sydney.edu.au/courses&lt;br&gt; During the Bachelor of Science you will complete foundational knowledge units for medicine plus a zero-credit-point subject in Medicine.&lt;br&gt; In the Doctor of Medicine component, practical experience – including contact with patients and observation of the physical aspects of disease – commences in the first year and continues to the final year. Dalyell Scholars will complete 12 credit points of distinctive Dalyell units designed to cultivate high-level graduate attributes. You will also have access to a suite of additional enrichment opportunities.</td>
<td><strong>Assumed knowledge</strong>&lt;br&gt; Refer to B Science and/or B Science (Medical Science)&lt;br&gt; <strong>Prerequisite</strong>&lt;br&gt; Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>General practitioner or specialist, surgeon, researcher, pharmaceutical industry, management consultancy, teaching, medical administration, medical communication</td>
</tr>
<tr>
<td><strong>B Science/ M Mathematical Sciences‡</strong>&lt;br&gt; ATAR 98&lt;br&gt; IB 40&lt;br&gt; UAC 513962&lt;br&gt; 4.5 years full time&lt;br&gt; Dalyell by invitation</td>
<td>Students will complete a major in at least one of mathematics, statistics, financial mathematics and statistics or data science. The second major or minor can be chosen from those available in the B Science or from the shared pool.</td>
<td><strong>Assumed knowledge</strong>&lt;br&gt; Mathematics Extension 2. Students with top band Extension 1 are also encouraged to apply.&lt;br&gt; <strong>Prerequisite</strong>&lt;br&gt; Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.</td>
<td>Business analyst, bioinformatician, data scientist, economic modeller, energy forecaster, game designer, health planner, quantitative analyst in banking, statistician, market analyst, meteorologist, financial analyst, teacher, researcher, web analyst</td>
</tr>
</tbody>
</table>

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Δ. The Mathematics prerequisite applies to students undertaking a Year 12 qualification in Australia. Mathematics refers to the HSC ‘Mathematics’ subject or equivalent, not ‘Mathematics General’ – see the Table notes on page 78.

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### Career possibilities

- **General practitioner** or specialist, surgeon, researcher, pharmaceutical industry, management consultancy, teaching, medical administration, medical communication
### Course description

**B Science/ M Nursing**
- **ATAR:** 80
- **IB:** 28
- **UAC:** 513745
- **4 years full time**
- **Dalyell by invitation**

Become a leader in healthcare and nursing. The combined Bachelor of Science and Master of Nursing program cultivates the critical thinking skills and breadth of the sciences alongside the expertise and experience to become a registered nurse. It provides a wide range of career opportunities across both clinical and non-clinical settings.

**Programs, majors and minors**
Refer to B Science. You will choose one major from B Science. All students must take some units of study in mathematics. Focus areas for Nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental health care and management, pharmacology, physiology, professional practice, social and health policy.

**Assumed knowledge/ Prerequisite**
- **Assumed knowledge:** Mathematics or Mathematics Extension 1. All students undertake some study in mathematics. Other assumed knowledge depends on subjects chosen.
- **Prerequisite:** Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Registered nurse in a range of healthcare settings with the ability to use your knowledge of science in health issues such as infectious and non-communicable diseases, infection control, climate change, anatomy, pharmacology and research.

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**B Science (Health)/ M Nursing**
- **ATAR:** 80
- **IB:** 28
- **UAC:** 513750
- **4 years full time**
- **Dalyell by invitation**

Pioneer healthcare innovations and transform lives. This combined degree provides a thorough grounding in health and professional practice, including the six-year course will turn you into a leader in healthcare. With a solid foundation in science and specialist skills, you will become a registered nurse.

Refer to B Science (Health) – you will complete a major in Health. Focus areas for Nursing: acute care, aged care, child and adolescent health, chronic illness, clinical practice, Indigenous health, mental health care and management, pharmacology, physiology, professional practice, social and health policy.

**Assumed knowledge/ Prerequisite**
- **Assumed knowledge:** Mathematics or Mathematics Extension 1. All students undertake some study in mathematics.
- **Prerequisite:** Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Registered nurse in a range of healthcare settings and you can apply for professional recognition for your knowledge of e-health, mental health, industrial relations and management.

---

**B Science/ M Nutrition and Dietetics**
- **ATAR:** 97*
- **IB:** 39*
- **UAC:** 513965
- **5 years full time**
- **Dalyell by invitation**

With a solid foundation in science plus a two-year master’s degree that has full accreditation from the Dietitians Association of Australia, the five-year Bachelor of Science and Master of Nutrition and Dietetics provides the training you need to launch straight into a career in nutrition and dietetics.

For the B Science, you will need to complete a program in Nutrition and Dietetics, including a major in Nutrition Science, a minor or a second major and complete units of study from the Open Learning Environment.

For M Nutrition and Dietetics, your studies will include clinical nutrition, nutritional science and public health nutrition. You will also complete a nutrition research project.

**Assumed knowledge/ Prerequisite**
- **Assumed knowledge:** Mathematics, Chemistry and Biology. All students undertake some study in mathematics.
- **Prerequisite:** Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Dietitian, nutritional researcher, hospital nutritionist, biochemist, food scientist

Professional recognition Accreditation with the Dietitians Association of Australia

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**B Social Work**
- **ATAR:** 80
- **IB:** 28
- **UAC:** 513270
- **4 years full time**

The Bachelor of Social Work allows you to qualify as a professional social worker while also taking two years of tertiary studies in other areas of interest such as sociology, diversity studies or gender studies.

Combining studies in social policy and social work, you will develop skills to promote social change, problem solve in human relationships, and empower and liberate people to enhance wellbeing. You will gain strong negotiating skills, a nuanced understanding of cultural contexts and sensitivity to various religious beliefs.

Your studies will include Indigenous Australian studies, social policy and social work, social research, sociology. In first and second year you may choose from the areas listed under B Arts. In third and fourth year, you will undertake a professional program in social work and social policy.

**Assumed knowledge/ Prerequisite**
- **Assumed knowledge:** Depends on first-year subjects chosen

**Career possibilities**
Aged care worker, children and families support worker, community worker in programs for people with disabilities, migrant and refugee liaison officer, international development worker, social policy adviser

Professional recognition Australian Association of Social Workers

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**B Veterinary Biology/ D Veterinary Medicine**
- **ATAR:** A+C (97*)
- **IB:** A+C (39*)
- **UAC:** 513970
- **6 years full time**

This degree provides you with both a scientific foundation and specialist clinical and medical experience. With its integrated approach designed for understanding real-world situations, the six-year course will turn you into a global professional at the forefront of modern veterinary medicine.

Your studies will include animal behaviour and welfare science, animal diseases and pathobiology, animal husbandry, cell biology, clinical and professional practice, pharmacology, veterinary anatomy and physiology, veterinary conservation biology, veterinary medicine, veterinary public health and veterinary surgery.

**Assumed knowledge/ Prerequisite**
- **Assumed knowledge:** Mathematics and Physics
- **Recommended studies:** Biology
- **Prerequisite:** Mathematics (Band 4) or Mathematics Extension 1 or 2 (Band E3), or equivalent.

**Career possibilities**
Veterinarian, veterinary geneticist, small animal veterinarian, livestock veterinarian, equine veterinarian, biosecurity researcher, veterinary cardiologist, public health policymaker

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"B" for 'Bachelor of', 'M' for 'Master of' and 'D' for 'Doctor of'
A+C, n/a, nc, *, †, ‡, #, ф, **, ***: see 'Table notes' on page 78

* ATAR/IB scores published with an asterix are indicative only and not fixed for 2019.
<table>
<thead>
<tr>
<th>Course</th>
<th>Programs, majors and minors</th>
<th>Assumed knowledge/Prerequisite</th>
<th>Career possibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>B Visual Arts</strong></td>
<td>The Bachelor of Visual Arts is offered by Sydney College of the Arts. Its training ground for contemporary visual artists has been in place for over 40 years. It is a hands-on degree focusing on developing the conceptual, theoretical, and technical skills you need to succeed as a practising artist or in a range of careers in the creative industries. You will be encouraged to work across disciplinary boundaries to realise your ideas, and you’ll gain a thorough grounding in the skills and history of your chosen specialisation.</td>
<td>A range of specialisations is available. In addition to your specialisation, you will also have access to a wide range of electives in contemporary art, as well as units of study in other disciplines offered across the University.</td>
<td>Artist, arts writer, crafts-person, curator, digital artist, educator (with further tertiary qualifications), exhibition designer, filmmaker, illustrator, painter, product designer, sound artist, web and multimedia designer</td>
</tr>
<tr>
<td><strong>B Visual Arts/ B Advanced Studies</strong></td>
<td>The Bachelor of Visual Arts/ Bachelor of Advanced Studies is a combined degree offered by Sydney College of the Arts (SCA), Sydney's premier training ground for contemporary visual artists for over 40 years. This exciting and diverse combined degree offers the opportunity to develop your visual arts specialisation with advanced coursework, access to the shared pool and the Open Learning Environment, creating a study profile that reflects your expertise in a range of disciplines.</td>
<td>A range of specialisations is available. In addition to your specialisation, you will also take a major from the shared pool and complete either a substantial research, community, industry or entrepreneurship project, or an Honours project in the final year.</td>
<td>Artist, arts journalist, commercial art director, crafts-person, creative director, cultural officer or program manager, curator, digital producer, educator (with further tertiary qualifications), film producer or filmmaker, innovation manager, web and interaction designer</td>
</tr>
<tr>
<td><strong>Dip of Arts</strong></td>
<td>The Diploma of Arts is designed for candidates who have already completed a bachelor’s degree in a different field. It gives you an academic foundation in the humanities, allowing you to progress to further postgraduate study in your chosen field. An arts qualification is ideal for those who wish to develop personal and professional skills as a basis for employment or as a foundation for postgraduate study.</td>
<td>You will complete one major from the following subject areas: American studies, ancient history, archaeology, art history, Asian studies, biblical studies and classical Hebrew, cultural studies, digital cultures, English, European studies, film studies, gender studies, history, Indigenous studies, international comparative literary studies, Jewish civilisation, thought and culture, linguistics, music, philosophy, studies in religion, theatre and performance studies.</td>
<td>A pathway to honours and postgraduate studies in the arts and social sciences</td>
</tr>
<tr>
<td><strong>Dip of Language Studies</strong></td>
<td>The Diploma of Language Studies offers you the opportunity to study a language alongside your undergraduate degree. It allows students from any faculty to study one of the 14 diverse languages we offer. This diploma will ensure you have a strong understanding of the culture and societies in which that language is spoken.</td>
<td>You will complete one major from the following language subject areas: Ancient Greek, Arabic language and cultures, biblical studies and classical Hebrew; Chinese studies, French and Francophone studies, Germanic studies, Hebrew (modern), Indonesian studies, Italian studies, Japanese studies, Korean studies, Latin, modern Greek studies, Spanish and Latin American studies.</td>
<td>Assumed knowledge: No prior language experience required. Standard mode: Language skills are assessed by the department and students are placed in the appropriate level (beginner, intermediate or advanced) class. Accelerated mode: Level 1 is for students with little or no knowledge of the language.</td>
</tr>
<tr>
<td><strong>Dip of Social Sciences</strong></td>
<td>The Diploma of Social Sciences is designed for candidates who have already completed a bachelor’s degree. It gives you an academic foundation in the social sciences, allowing you to progress to an honours year or further postgraduate study in your chosen field.</td>
<td>You will complete one major from the following subject areas: anthropology, international relations, political economy, politics, socio-legal studies, sociology, social policy.</td>
<td>Assumed knowledge: Depends on subjects chosen. For details, see the faculty handbook: sydney.edu.au/handbooks</td>
</tr>
</tbody>
</table>
Please note that the entry requirements published are a guide and will not necessarily result in an offer of a place for all courses. Entry scores are indicative for courses marked with an asterisk* against the score. Some courses may have a limited number of places.

The entry scores are correct at the time of publication and may be subject to change.

Additional requirements can also apply for some courses. To find out more, visit
- sydney.edu.au/courses

This is not a comprehensive list of high school qualifications accepted by the University. For a full list, visit
- sydney.edu.au/ug-int-qualifications

Programs, majors and minors
The programs, majors and minors listed are indicative and are subject to change. Unless specified as a major or a minor only, majors are also available as minors. For the latest list of options, visit
- sydney.edu.au/handbooks

Assumed knowledge and prerequisites
Subjects listed for assumed knowledge, prerequisites or recommended studies, refer to the NSW Higher School Certificate (HSC) curriculum. For example, ‘Mathematics’ refers to the 2 unit HSC subject by that name, not the HSC subject ‘Mathematics General’. Learn more about the HSC syllabus to understand the required standard.
- www.boardofstudies.nsw.edu.au/syllabus_hsc

The Mathematics prerequisite will apply to students undertaking a year 12 qualification in Australia. Find out about the maths prerequisite, including equivalent requirements for other qualifications.
- sydney.edu.au/study/maths

International students
Courses listed in the 2019 guide to entry requirements for international students (on pages 98 and 99) are CRICOS registered and available to student visa holders, unless otherwise indicated. To find out more, visit
- cricos.education.gov.au

Key to the table

A+C
Combination of ATAR (or equivalent score) plus additional selection criteria (eg, portfolio, audition, interview). Check the details for your specific degree
- sydney.edu.au/courses

n/a
Not applicable as an entry score cannot be applied.

nc
New course – entry scores are not available at the time of publication. Check the course website for updates.

^ Teaching degrees: Bachelor of Education (Primary), Bachelor of Education (Health and Physical Education), and Bachelor of Music (Music Education)
The New South Wales Education Standards Authority (NESA) requires students entering these teaching degrees to achieve a minimum of three Band 5s in their NSW HSC, one of which must be English (English Standard or English Advanced). Similar requirements will be applied to the IB and other Australian Year 12 qualifications.

For other secondary qualifications, you need to achieve the minimum scores provided as a guide and get good results in English (the equivalent of English Standard or English Advanced). If you also need to meet English proficiency requirements through a test such as IELTS, you need to complete those requirements separately.

‡ Dalyell Scholars courses (by application)
To study as a Dalyell Scholar in these courses you need to apply via UAC preference.

To study as a Dalyell Scholar in other Dalyell-eligible courses, entry is by invitation. You will be invited to become a Dalyell Scholar if you apply for, and are made an offer to, a ‘by invitation’ Dalyell eligible degree and have achieved a 98+ ATAR (or equivalent). For a full list of courses available to study as a Dalyell Scholar, see page 13.
† Double degree Medicine and Dentistry
Double degree Medicine applicants are expected to have an ATAR of 99.95 (or equivalent scores for other accepted secondary school qualifications) to be eligible for consideration for the double degree assessment. Check the Sydney Medical School website for more information.

– sydney.edu.au/medicine

Double degree Dentistry applicants are expected to have an ATAR of 99.5 (or equivalent scores for other accepted secondary school qualifications) to be eligible for consideration for the double degree assessment.

All Dentistry and Medicine double degree applicants are required to undertake a double degree Medicine/Dentistry assessment that includes a written assessment and a panel discussion. The University will contact eligible applicants for the assessment. Separate requirements apply to Aboriginal and Torres Strait Islander applicants.

Admission criteria and application processes for these courses are subject to change without notice. Check the specific course on our website for more information.

– sydney.edu.au/courses

** Sciences Po and University of Sydney dual degrees
Admission to the Sciences Po Dual Degree is highly competitive. Acceptance will be determined by a Sciences Po and University of Sydney Dual Degree Admissions Committee based on evidence of academic achievement and intellectual readiness, and on applicants’ own representation of their experience, ideas and aspirations. Applicants also need to meet the minimum admission requirements for their degree of choice at the University of Sydney, including English language requirements. The higher of the English language requirements of the two partner institutions will apply.

The Sciences Po degree requires a total of four years of full-time study to be eligible for two separate awards from Sciences Po and the University of Sydney.

During years 1–2, students will enrol at Sciences Po, France, and pay the applicable fee direct to Sciences Po.

During years 3–4, students enrol in the applicable Sydney degree (international students enrol in the applicable CRICOS-registered Sydney degree), with eligible transfer credits for studies undertaken at Sciences Po. Students will pay the applicable Sydney fee in years 3–4 to the University of Sydney.

For more information on entry requirements, tuition fees and application processes, visit the relevant course page

– sydney.edu.au/courses

ϕ Course structure subject to change
The structure of this course may be affected by changes to government policy. For the latest information, please visit

– sydney.edu.au/student-fees

# Course subject to approval
B Education (School and Community Education)/B Arts
B Science/B Advanced Studies (Taronga Wildlife Conservation)

These courses are subject to final approval by the University’s Academic Board. For the latest information, please visit

– sydney.edu.au/courses

*** The Psychological Sciences major was previously offered as the Behavioural Sciences major. Title change subject to Academic Board approval. For the latest information, please visit

– sydney.edu.au/handbooks

◊ Bachelor of Nursing Post Registration (Singapore)
This course is delivered in Singapore by a third-party provider and is not available for full-time study in Australia on a student visa. For more information, refer to the Singapore Institute of Management website.

– www.simge.edu.sg
HOW TO APPLY
DOMESTIC STUDENTS
HOW TO APPLY
INFORMATION FOR DOMESTIC STUDENTS*

1 Choose your course

Visit – sydney.edu.au/courses

2 Check the entry requirements of the course

Admission to the University of Sydney is highly competitive. You need to meet specific academic requirements before we can make an unconditional offer of admission.

For most undergraduate courses, entry is based on your ATAR (Australian Tertiary Admission Rank) or equivalent. For some courses, including dentistry, education, medicine, music, oral health, visual arts and veterinary science, there may be additional selection criteria, such as an interview, portfolio or performance.

For details, see pages 92 and 93 or visit
- sydney.edu.au/ug-entry

Our double degrees (two separate degrees undertaken in succession) have separate progression requirements that must be satisfied before students can be admitted to the second degree. For details visit
- sydney.edu.au/courses

Prerequisites

Some courses have prerequisites. Mathematics course prerequisites apply for some courses to help students thrive in science, technology, engineering and mathematics-related degrees, commerce and economics degrees, and some medicine and health degrees. These prerequisites apply if you are undertaking a Year 12 qualification such as the HSC or IB in Australia (or equivalent). Refer to the A to Z course table on pages 52 to 77 for course specific mathematics prerequisites. For more information visit
- sydney.edu.au/study/maths

The following courses require three Band 5s in the HSC (or equivalent), including one in English (English Standard and English Advanced):
- Bachelor of Education (Health and Physical Education)
- Bachelor of Education (Primary)
- Bachelor of Music (Music Education).

Assumed knowledge and bridging courses

Some courses expect you to have a certain level of knowledge in areas such as mathematics, physics, biology and chemistry. Refer to the A to Z course table on pages 52 to 77 for course specific assumed knowledge requirements. If you have not studied these subjects in high school, we recommend you undertake appropriate bridging studies before you commence your course. The University offers some bridging courses to help get you up to speed.
- sydney.edu.au/ug-bridging
Apply for scholarships
We awarded 3000 scholarships to undergraduate students across 380 scholarship programs in 2017, based on academic, personal leadership and equity grounds. See pages 90 and 91.

Most scholarship applications are due by early October 2018, so you will apply for them around the same time you submit your university application to UAC.

Please note that deadlines and application requirements may differ depending on the scholarship.

− sydney.edu.au/scholarships

Visit us on Open Day
The best way to get a feel for the campus is to visit us on Open Day. Explore the campus, enjoy the atmosphere, and learn more about our courses and facilities by attending mini-lectures, activities and tours.

In 2018, Open Day takes place on Saturday 25 August.
− sydney.edu.au/open-day

* You are a domestic student if you are an Australian or New Zealand citizen (including dual citizens of Australia or New Zealand and another country), or an Australian permanent resident or permanent humanitarian visa holder.

Explore your entry options
If you’re not sure you’ll reach the ATAR cut-off for your preferred course, see page 86 to find out if you’re eligible to apply to the University through an alternative entry pathway.

− sydney.edu.au/alternative-pathways

Submit your application to the Universities Admissions Centre (UAC) with the relevant documents
As a domestic student, you need to submit your application online through the Universities Admissions Centre website:

− www.uac.edu.au

If you’re applying for a Sciences Po Dual Degree, you will be required to apply directly to the University, even if you are applying through UAC for your other preferences.

On-time UAC applications are due by 30 September 2018. A late fee applies to applications after this date.
“Intelligence plus character – that is the goal of true education.”

Martin Luther King Jr (1929–68)
Leader of the American Civil Rights Movement
### TIMELINE FOR 2019 ENTRY

<table>
<thead>
<tr>
<th>Month 2018</th>
<th>Event</th>
<th>sydney.edu.au Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 2018</td>
<td>Join us on 25 August for Open Day.</td>
<td>open-day</td>
</tr>
<tr>
<td>September 2018</td>
<td>Apply for accommodation. Scholarship applications also open in early September (and close in early October).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Check out alternative entry pathways into university in case your ATAR doesn’t quite reach the course cut-off.</td>
<td></td>
</tr>
<tr>
<td>December 2018 – January 2019</td>
<td>Year 12 students receive their high school results and ATAR in mid-December.</td>
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<tr>
<td></td>
<td>Info Day</td>
<td>info-day</td>
</tr>
<tr>
<td></td>
<td>Check the UAC website to confirm the date by which your UAC preferences need to be finalised.</td>
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<tr>
<td></td>
<td>Offers are made via the UAC website. You need to accept your offer within one week or it may be withdrawn and offered to another applicant in later rounds.</td>
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</tr>
<tr>
<td>January – February 2019</td>
<td>UAC releases further offers in waves throughout January and February. You may receive one if you submitted your application late, or did not receive an offer in a previous round, and your preferred course is not already full.</td>
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<tr>
<td></td>
<td>Orientation takes place the week before semester starts – it’s a great way to get to know your faculty, teaching staff and fellow students before classes begin.</td>
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<tr>
<td></td>
<td>Semester 1 begins</td>
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<tr>
<td></td>
<td>Once classes start, you have two weeks to try out different subjects (depending on the flexibility within your degree), as long as you finalise your enrolment no later than the Friday of Week 2.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>If you change your mind about a unit of study, you can still withdraw without academic or financial penalty up until the HECS census date. This usually falls on the last day of March.</td>
<td></td>
</tr>
<tr>
<td>June 2019</td>
<td>Applications close for the Semester 2 intake. Visit ‘Find a course’ (sydney.edu.au/courses) to see which degrees are open for mid-year entry.</td>
<td></td>
</tr>
<tr>
<td>August 2019</td>
<td>Semester 2 begins</td>
<td></td>
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<tr>
<td></td>
<td>Some faculties and University schools host orientation events in the week before the start of lectures.</td>
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<tr>
<td></td>
<td>You can try out different units of study before finalising your enrolment at the end of the second week of semester.</td>
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</tr>
<tr>
<td></td>
<td>You can withdraw from a unit of study without academic or financial penalty up until the HECS census date. This usually falls on the last day of August.</td>
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</tbody>
</table>

For the latest information, visit sydney.edu.au/dates
Several alternative entry pathways are available to Year 12 students, and you may be eligible to apply for more than one.

**E12 scheme**

The E12 scheme shifts focus from the ATAR alone – you can show us more about yourself and your enthusiasm for a course of study.

E12 is for students who have been financially disadvantaged during their time at school and who have the potential to succeed at the University of Sydney. It offers ATAR concessions for selected courses.

With E12 you could have an early conditional offer and a $5950 scholarship to assist you with your studies, as well as support for your transition to university study.

**Who is it for?**

To be eligible to apply for E12, you need to be:

- studying any required HSC or IB subjects for your selected E12 course
- supported by your school principal and
- currently a domestic student* undertaking the HSC or IB at a NSW high school.

In addition, you need to be either:

- studying at a high school identified by the government as ‘low socio-economic’ in 2018, as at the time of application or
- experiencing financial hardship at the time you apply for E12 (if so, you will need to complete a UAC Educational Access Scheme application as well as your E12 application).

To find out if your school is automatically eligible, visit [sydney.edu.au/e12](http://sydney.edu.au/e12)

* E12 is for NSW domestic undergraduate students only. International students are not eligible to apply.

**Future Leaders Scheme**

This scheme offers confirmed Dux students and school captains in Australia a guaranteed place at the University of Sydney based on academic achievement and a principal’s nomination from their school.

**Broadway Scheme**

Students who have experienced long-term educational disadvantage can apply through the Broadway Scheme, which is the University of Sydney’s Educational Access Scheme (EAS) and offers more than 600 places to eligible applicants each year.

**Other entry schemes**

- Cadigal Alternative Entry Program – for Aboriginal and Torres Strait Islander applicants
- Elite Athletes and Performers Scheme
- Mature-Age Entry Scheme

For more information on these and other entry pathways to the University of Sydney, visit [sydney.edu.au/alternative-pathways](http://sydney.edu.au/alternative-pathways)
Cadigal Alternative Entry

The Cadigal Alternative Entry Program is an access and support program for Aboriginal and Torres Strait Islander applicants. The program aims to encourage greater participation by Aboriginal and Torres Strait Islander students in tertiary education and to facilitate their successful transition into tertiary study.

If you enter through the Cadigal program, we will automatically reserve you a place in the Cadigal Orientation and Academic Skills workshop run by the Learning Centre and Student Support Services or, for Health Sciences students, the Yooroang Garang Orientation Program.

If you need extra support in your first year, the Pemulwuy Pathway provides an opportunity for you to ease your study load.

We may invite you to enrol in a Bachelor of Arts or Bachelor of Liberal Arts and Sciences. In your first year you will take fewer units of study while attending academic skills development workshops and individual tutoring, to build your capacity and confidence to succeed in your studies.

− sydney.edu.au/cadigal

Other support services

Accommodation Award

In 2017 we introduced an accommodation award for first-year Aboriginal and Torres Strait Islander students with a full-time study load.

The Mana Yura Residential Scholar accommodation award will subsidise your weekly rent. You will also receive a start-up bursary valued at $1000.

In addition to the financial support, the accommodation award guarantees you a place at your choice of two University-owned residences: the Queen Mary Building (self catered) or International House (catered). Other residences may be on offer, subject to availability.

Tutoring

The Indigenous Tutorial Assistance Scheme is designed to help you achieve your full academic potential. The scheme provides qualified tutors who can offer you free tutoring in your units of study during semester. You can have one-on-one private tuition or group sessions.

− sydney.edu.au/cadigal

Mana Yura Student Support

The Mana Yura team offers support to all Aboriginal and Torres Strait Islander students throughout their University journey, from admission to graduation. The student engagement officers offer social, cultural and emotional wellbeing support, and referrals, academic and other student support services.

Culturally safe spaces

The University provides culturally safe spaces for all Aboriginal and Torres Strait Islander students and has equipped computer laboratories, photocopying facilities, research library, tutorial rooms for study, and student/staff common rooms with kitchen facilities.

− sydney.edu.au/indigenous-support
Tuition fees

Your tuition fees are calculated based on your residency status, your calendar year of study, and the course you are enrolled in.

Tuition fees, your student contribution, and the loan schemes available depend on a number of factors: the type of degree, the course itself, and your citizenship/residency status.

All domestic undergraduate students are eligible for a Commonwealth supported place, if you are a citizen of Australia or New Zealand (including dual citizens) or hold an Australian permanent resident visa or an Australian humanitarian visa.

If you are offered a Commonwealth supported place in one of our courses, your tuition fees will be subsidised by the Australian Government. You will pay the remainder, called a ‘student contribution amount’ that is set by the University within limits set by the Australian Government each year.

Please note, the Australian Government may announce further changes to higher education policy and funding, which may impact domestic students commencing from 2019. The information provided in this section was current at January 2018. For the latest information and updates on changes to government policy. Visit
- www.studyassist.gov.au

Student contributions are calculated several times a year, at each census date. Legislation requires you to pay your fees, if paying upfront, before the relevant census date for your unit/s of study.

Exact student contribution amounts for your course will depend on your calendar year of study and the specific units of study in which you enrol. Costs can vary depending on the discipline of study (student contribution band), and study load of each unit. Not all units of study in a course are in the same student contribution band.

Student contribution amounts are reviewed annually by the University and will increase each year of your period of study (subject to an Australian Government-specified cap), effective at the start of each calendar year. For more information, visit
- www.studyassist.gov.au

For more information about tuition fees, visit
- sydney.edu.au/study/tuition-fees

Check the tuition fees for your specific course at
- sydney.edu.au/courses
2018 student contribution bands and ranges

<table>
<thead>
<tr>
<th>Student contribution band</th>
<th>2018 Student contribution range (per EFTSL*)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Band 3</strong></td>
<td>Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce</td>
</tr>
<tr>
<td><strong>Band 2</strong></td>
<td>Computing, built environment, other health, allied health, engineering, surveying, agriculture, mathematics, statistics, science</td>
</tr>
<tr>
<td><strong>Band 1</strong></td>
<td>Humanities, behavioural science, social studies, education, clinical psychology, foreign languages, visual and performing arts, nursing</td>
</tr>
</tbody>
</table>

HECS-HELP

Australian citizens, permanent humanitarian visa holders and New Zealand Special Category Visa holders who meet the long-term residency requirements can either pay their student contribution upfront or obtain a full or part HECS-HELP loan.

For those who obtain a HECS-HELP loan you will have to start repaying it when your income exceeds a certain amount. For more information and to check if you are eligible, visit

- www.studyassist.gov.au

Other costs

In addition to tuition fees, you should budget for:
- additional course costs.
- the Student Services and Amenities (SSA) fee, which was introduced by the Australian Government to fund services and support programs at universities. Find out more at sydney.edu.au/ssa-fee

For more information visit your faculty’s website at
- sydney.edu.au/faculties

Method of payment

There are several ways you can pay the fees that apply to your study.

A surcharge of 1.53 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change.

Read about payment methods and the surcharge at
- sydney.edu.au/study/paying-your-fees

* EFTSL is equivalent full-time student load
University of Sydney students come from a wide variety of schools and backgrounds, and our range of scholarships reflects this diversity.

Some of our scholarships are specifically for students who have just finished Year 12 or TAFE. Others are for athletes or performers, Aboriginal or Torres Strait Islander people, or students from remote or rural backgrounds.

You may have to complete an application to be considered for a scholarship. It’s important to plan ahead and check the requirements.

For a comprehensive list of scholarships and to find out how to apply, visit
- sydney.edu.au/scholarships

Here are just a few scholarships that might be available to you.

**Sydney Scholars Program**

The Sydney Scholars Program offers opportunities for Year 12 students commencing their studies in 2019. Ranging from $6000 to $10,000 in value, they are awarded for one year up to the duration of your undergraduate course.

The program is a suite of prestigious scholarships and will be offered to students who meet the selection criteria, including leadership skills, involvement in extracurricular activities, future goals and an ATAR requirement of 95 and above.

For domestic students, if you receive an ATAR of 99.90 or 99.95 you will automatically be awarded a scholarship worth $10,000 annually for the duration of your undergraduate degree.

- sydney.edu.au/scholarships-ssp

**Dalyell Scholars global mobility scholarship**

Dalyell Scholars are entitled to a global mobility scholarship of $2000. The scholarship can be used towards either a short-term (winter, summer or internship) mobility opportunity worth at least six credit points, or a semester exchange worth 24 credit points. See page 12 to find out more about becoming a Dalyell Scholar.

**Equity scholarships**

There are a number of equity scholarships for school leavers – these are assessed on academic merit, a personal statement and equity grounds. They include the Sydney Scholars Program, Western Union Foundation Scholarships, Bruton Educational Trust scholarship, Rural Sustainability scholarships, Environmental Sustainability scholarships and more.

- sydney.edu.au/scholarships/prospective/equity.shtml

**Faculty-based scholarships**

Many faculties and schools provide scholarships for first-year students as well as scholarships and prizes to current students in later years of study.

- sydney.edu.au/faculty-scholarships

**Scholarships for Aboriginal and Torres Strait Islander students**

The University of Sydney offers numerous scholarship and financial assistance programs to Aboriginal and Torres Strait Islander students. Students identifying as Aboriginal and Torres Strait Islander who achieve an ATAR of 85 or above will automatically be granted the one-year $10,000 Entry Scholarship.

- sydney.edu.au/scholarships-indigenous
Elite Athlete Program
Sydney Uni Sport and Fitness (SUSF), through the Elite Athlete Program, has assisted the University of Sydney to continue Australia’s oldest and richest academic and sporting tradition.

SUSF is a leading provider of support and services to student athletes who are enrolled at the University or representing the University in their chosen sport.

If you are an elite athlete who wants to achieve excellence in your concurrent pursuit of academic studies and sport, look no further than the University of Sydney and SUSF.


Accommodation scholarships
There are a number of accommodation scholarships available for undergraduate students. These include reduced rent to assist with living at the University-owned residences and are open to Australian citizens and permanent residents of Australia.

− sydney.edu.au/accommodation

College accommodation scholarships
Each of the eight residential colleges at the University of Sydney offers various opportunities and scholarships to their new and current student residents.

− sydney.edu.au/scholarships/prospective/college

Scholarships outside the University
There are several other avenues for scholarships that you should consider alongside those offered by the University of Sydney. For more details, check

− australia.gov.au for government scholarship programs
− engage.cef.org.au/student for Country Education Foundation of Australia rural grant programs
− www.gooduniversitiesguide.com.au/scholarship/search to search for scholarship schemes across Australia

Once you are at university, we also provide on-campus bursary options to help you manage daily living and study costs.

Bursaries and loans
Bursaries are non-repayable grants available to domestic students who are having short-term difficulty paying for their study and living expenses but are making satisfactory academic progress.

Our unique bursary scheme is one of the most generous in Australia. Formerly called the University of Sydney First Year Bursary, the Robert Maple Brown Bursary (worth $2000) is offered to eligible first-year students to help with starting university.

For advice on how to manage your finances or to apply for financial assistance, contact our Financial Support Service.

− sydney.edu.au/financial-assistance

How to apply
For entry to some of our courses, we consider more than just your marks. We may ask you to submit a portfolio or attend an interview or audition. The following courses have additional requirements.

**Arts and social sciences**

**Sciences Po**

Bachelor of Arts and Bachelor of Economics Sciences Po Dual Degree applicants need to be recent school leavers – transfer applicants are not eligible to apply. In addition to meeting the academic requirements of an accepted Year 12 qualification (or equivalent), you need to submit an online application directly to the University, including a personal statement, resume and school reports or transcripts from the past three years. Short-listed applicants will be invited to attend an interview in Sydney or Paris. For more information about entry requirements, tuition fees and the application process, visit the relevant course page.

− sydney.edu.au/courses

**Visual Arts**

To apply to study the Bachelor of Visual Arts and Bachelor of Visual Arts/Bachelor of Advanced Studies at Sydney College of the Arts, you need to meet the academic requirements of an accepted Year 12 qualification (or equivalent) and submit a portfolio of artwork by the relevant deadlines. The portfolio can be submitted one of two ways:

− in person at the Portfolio Day on Saturday 6 October 2018
− online by 16 November 2018 for UAC applicants.

If submitting the portfolio online, you will need to include a short statement describing one of the more developed projects in your portfolio. For more information and application timelines, visit

− sydney.edu.au/sca

**Education**

Applicants for all Bachelor of Education degrees (except Early Childhood) and Bachelor of Music (Music Education) are required to complete a brief personal statement as part of the application for admission. For more information, visit the relevant course page.

− sydney.edu.au/courses

**Medicine and health**

**Dentistry**

**Double Degree Dentistry**

We offer a small number of high school leavers who have achieved outstanding results a place in the Double Degree Dentistry pathway

− Bachelor of Science/Doctor of Dental Medicine.

Entry into the Double Degree Dentistry degree is based on:

− ATAR (expected to be 99.5 or equivalent)
− satisfactory performance in an assessment process comprised of a written assessment and a panel discussion.

Applicants are only eligible for admission to the first available course intake following receipt of final results. Find out more about eligibility and how to apply

− sydney.edu.au/dentistry/ddd

There are separate requirements for progression to the Doctor of Dental Medicine component of the double degree. For details visit the course page.

− sydney.edu.au/courses

Many dentistry students join us through our graduate entry scheme (available to applicants who already have a bachelor’s degree). If you plan to apply for graduate entry, you should start the application process at least 12 months in advance.

− sydney.edu.au/dentistry/study/dentistry/apply.php

**Bachelor of Oral Health**

Entry to our Bachelor of Oral Health is based on the ATAR or equivalent (or satisfactory record of previous tertiary study) and performance in Multiple Mini-Interviews (MMI), a series of short interviews in which applicants move between interview stations. For more information and application timelines, visit

− sydney.edu.au/dentistry/oral-health

**ADDITIONAL SELECTION CRITERIA**

**INFORMATION FOR ALL STUDENTS**

For entry to some of our courses, we consider more than just your marks. We may ask you to submit a portfolio or attend an interview or audition. The following courses have additional requirements.
Medicine
Double Degree Medicine
If you are finishing high school and expect to achieve outstanding results, you may be able to take the Doctor of Medicine (MD) via our Double Degree Medicine pathways:
- Bachelor of Arts/Doctor of Medicine
- Bachelor of Science/Doctor of Medicine.

Entry to the Double Degree Medicine degrees is based on:
- a very high ATAR (expected to be 99.95 or equivalent)
- satisfactory performance in an assessment process including a written assessment and a panel discussion.

Applicants are only eligible for admission to the first available course intake following receipt of final results. To find out more about eligibility and how to apply, visit
- sydney.edu.au/medicine/ddmp

There are separate requirements for progression to the Doctor of Medicine component of the double degree. For details visit the course page.
- sydney.edu.au/courses

Most medical students join us through our graduate entry scheme (available to applicants who already have a bachelor’s degree). If you plan to apply for graduate entry, you should start the application process at least 12 months in advance.
- sydney.edu.au/medicine/study/md/admission

Music
To apply to study at the Sydney Conservatorium of Music, you will need to meet the academic requirements of an accepted Year 12 qualification (or equivalent) and complete an audition (or portfolio) and/or interview by the following deadlines:
- 2 September 2018 (for an early round audition between 24 and 28 September 2018) or
- 30 September 2018 (for a main round audition between 26 November and 7 December 2018).

An audition fee applies and you may then be invited to an audition and/or interview.

For the Bachelor of Music (Music Education) also refer to Education requirements.
- sydney.edu.au/music

Veterinary Medicine
Applicants to the Bachelor of Veterinary Biology/Doctor of Veterinary Medicine degree are required to submit a Commitment to Veterinary Science form in addition to the application for admission. The closing date is in November 2018. For details visit
- sydney.edu.au/vetscience

There are separate requirements for progression to the Doctor of Veterinary Medicine component of the combined degree. For details visit
- sydney.edu.au/handbooks/science
“It’s only those who are persistent and willing to study things deeply who achieve master work.”

Paulo Coelho (1947–)
lyricist and novelist
HOW TO APPLY
INTERNATIONAL STUDENTS
HOW TO APPLY
INFORMATION FOR INTERNATIONAL STUDENTS*

1. Choose your course
Visit − sydney.edu.au/courses

2. Check the entry requirements
Admission to the University of Sydney is highly competitive. You need to meet specific academic requirements before we can make an unconditional offer of admission.

For most undergraduate courses, entry is based on an ATAR (Australian Tertiary Admission Rank), IB (International Baccalaureate) or the equivalent qualifications the University accepts from your country.

For some courses, including dentistry, education, medicine, music, oral health, visual arts and veterinary science, there may be additional selection criteria, such as an interview, portfolio or performance.

For details, see pages 92 and 93 or visit − sydney.edu.au/ug-int-entry

Our double degrees (two separate degrees undertaken in succession) have separate progression requirements that must be satisfied before students can be admitted to the second degree. For details visit − sydney.edu.au/courses

English language requirements
If English is not your first language, you need to demonstrate that your English language skills meet the minimum level required for your chosen course. For undergraduate study, you can do this by fulfilling one of the following:
- complete a recognised senior secondary (high school) qualification conducted in English such as an Australian Year 12 qualification, English subjects in secondary qualifications specified by the University or tertiary studies (at least one year of full-time university study) in English at a recognised institution
- complete an accepted English proficiency test with results that meet the minimum entry requirements for your course. English language test scores are valid for two years.

For more information please visit − sydney.edu.au/ug-int-english

* An international student is anyone who is not an Australian or New Zealand citizen (or dual citizen of Australia or New Zealand and another country), permanent resident of Australia, or holder of a permanent Australian humanitarian visa. To enrol at university, international students need to hold a visa that allows them to study in Australia.
Prerequisites
Some courses have prerequisites. Mathematics course prerequisites will apply for some courses to help students thrive in science, technology, engineering and mathematics-related degrees, commerce and economics degrees, and some medicine and health degrees. These prerequisites apply if you are undertaking a Year 12 qualification such as the HSC or IB in Australia. Refer to the A to Z course table on pages 52 to 77 for course-specific mathematics prerequisites. For more information visit − sydney.edu.au/study/maths

The following courses require three Band 5s in the HSC (or equivalent), including one in English (English Standard or English Advanced):
− Bachelor of Education (Health and Physical Education)
− Bachelor of Education (Primary)
− Bachelor of Music (Music Education).

Assumed knowledge and bridging course
Some courses expect you to have a certain level of knowledge in areas such as mathematics, physics, biology and chemistry. Refer to the A to Z course table on pages 52 to 77 for course-specific assumed knowledge requirements. If you have not studied these subjects in high school, we recommend you undertake appropriate bridging studies before you commence your course. The University offers some bridging courses to help get you up to speed.
− sydney.edu.au/ug-bridging

Submit your application
If you are completing:
− a current Australian Year 12 secondary school examination in or outside Australia; or
− a current International Baccalaureate (IB) diploma in Australia
then you need to submit your application online through the Universities Admissions Centre (UAC) International website
− www.uac.edu.au/international

If you’re applying for a Sciences Po Dual Degree you will be required to apply directly to the University, even if you are applying through UAC for your other preferences.

Everyone else needs to apply directly to the University. Go to sydney.edu.au/courses to search for your course, then click on the ‘Apply’ button on the course page to apply online.

For important information for international students visit
− sydney.edu.au/student-visas
Below are the Australian Tertiary Admission Rank (ATAR) or International Baccalaureate (IB) entry scores for 2019. For courses marked with an asterisk* against the score, the published scores are an indication of what you will need to gain entry in 2019. For all other courses, the entry scores listed are fixed for 2019. Find out more about fixed ATARs at – sydney.edu.au/sydney-ATAR

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture, Design and Planning</td>
<td></td>
</tr>
<tr>
<td>B Architecture and Environments</td>
<td>80/28</td>
</tr>
<tr>
<td>B Design Computing</td>
<td>80/28</td>
</tr>
<tr>
<td>B Design in Architecture</td>
<td>90/33</td>
</tr>
<tr>
<td>B Design in Architecture (Honours)</td>
<td>92/34*</td>
</tr>
<tr>
<td>Arts and Social Sciences</td>
<td></td>
</tr>
<tr>
<td>B Arts</td>
<td>80/28</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies</td>
<td>80/28</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Dalyell Scholars including Languages)</td>
<td>98/40</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (International and Global Studies)</td>
<td>87/31</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Media and Communications)</td>
<td>90/33</td>
</tr>
<tr>
<td>B Arts/B Advanced Studies (Politics and International Relations)</td>
<td>80/28</td>
</tr>
<tr>
<td>B Arts (Sciences Po Dual Degree)**</td>
<td>A+C</td>
</tr>
<tr>
<td>B Economics</td>
<td>85/31</td>
</tr>
<tr>
<td>B Economics/B Advanced Studies</td>
<td>85/31</td>
</tr>
<tr>
<td>B Economics (Sciences Po Dual Degree)**</td>
<td>A+C</td>
</tr>
<tr>
<td>B Visual Arts</td>
<td>A+C</td>
</tr>
<tr>
<td>B Visual Arts/B Advanced Studies</td>
<td>A+C</td>
</tr>
<tr>
<td>Business</td>
<td></td>
</tr>
<tr>
<td>B Commerce</td>
<td>95/36</td>
</tr>
<tr>
<td>B Commerce/B Advanced Studies</td>
<td>95/36</td>
</tr>
<tr>
<td>B Commerce/B Advanced Studies (Dalyell Scholars)</td>
<td>98/40</td>
</tr>
</tbody>
</table>

You can identify courses by the degree pathway:
- Professional degree
- Specialist degree
- Liberal studies degree
- Combined or double degree

*B* for ‘Bachelor of’, *M* for ‘Master of’ and ‘D’ for ‘Doctor of’

† ATAR/IB scores published with an asterisk are indicative only and not fixed for 2019.

A+C, n/a, †, ˳, ˳, ◊, ◊, ‡, ^, †, ‡, #, ф, **: see ‘Table notes’ on page 78
<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Arts/B Laws</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Commerce/B Laws</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Economics/B Laws</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Engineering Honours/B Laws</td>
<td>95.5/37</td>
</tr>
<tr>
<td>B Science/B Laws</td>
<td>95.5/37</td>
</tr>
</tbody>
</table>

### Music

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Music</td>
<td>A+C</td>
</tr>
<tr>
<td>B Music (Composition)</td>
<td>A+C</td>
</tr>
<tr>
<td>B Music (Music Education)*</td>
<td>A+C</td>
</tr>
<tr>
<td>B Music (Performance)</td>
<td>A+C</td>
</tr>
</tbody>
</table>

### Science, Agriculture, Environment and Veterinary Science

<table>
<thead>
<tr>
<th>Course</th>
<th>ATAR/IB</th>
</tr>
</thead>
<tbody>
<tr>
<td>B Liberal Arts and Science</td>
<td>70/25</td>
</tr>
<tr>
<td>B Psychology</td>
<td>(93.5/34)*</td>
</tr>
<tr>
<td>B Science</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science (Health)</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science (Medical Science)</td>
<td>85/31</td>
</tr>
<tr>
<td>B Science/B Advanced Studies</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Dalyell Scholars including Mathematical Sciences)*</td>
<td>98/40</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Advanced)</td>
<td>93/35</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Agriculture)</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Animal and Veterinary Bioscience)</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Food and Agribusiness)</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Health)</td>
<td>80/28</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Medical Science)</td>
<td>85/31</td>
</tr>
<tr>
<td>B Science/B Advanced Studies (Taronga Wildlife Conservation)#</td>
<td>85/31</td>
</tr>
<tr>
<td>B Science/M Nutrition and Dietetics</td>
<td>(95/37)*</td>
</tr>
<tr>
<td>B Veterinary Biology/D Veterinary Medicine*</td>
<td>A+C (92/34)*</td>
</tr>
</tbody>
</table>
FEES AND COSTS: INTERNATIONAL STUDENTS

Tuition fees

Undergraduate degrees

The University calculates the tuition fees for international undergraduate degrees based on an annual course fee that is subject to increase each year. This makes it easy for you and your parents/guardians to understand the potential financial commitment for each year of study.

Tuition fees vary between courses and the calendar year that you undertake study. Fees for each course are based on a full-time student enrolment load of 24 credit points per semester or 48 credit points per year (1.0 EFTSL). If your study load for the year is more or less than 1.0 EFTSL, your tuition fee will differ. Check the tuition fees for your specific course at sydney.edu.au/courses

Combined degrees

For combined degrees, a single course tuition fee applies to the entire period of your studies (and is subject to annual review), regardless of the units of study that you select in each of the two qualifications (for example, a Bachelor of Arts and Bachelor of Laws).

Double degrees (undergraduate to postgraduate) – price differentiation

In a double degree, students usually commence in one degree then transfer to a second degree to complete the remainder of their studies.

The University charges two separate tuition fee rates for double degrees that comprise an undergraduate and a postgraduate degree, with a higher tuition fee rate applying to the postgraduate degree. When you are calculating the likely total cost of your course, please carefully factor in this price difference.

Bachelor of Veterinary Biology and Doctor of Veterinary Medicine

This degree is calculated differently to other combined degrees. It has two separate tuition fee rates. You will be paying higher tuition fees in Years 3 to 6 (for study equivalent to the graduate-entry Doctor of Veterinary Medicine) than in Years 1 and 2 of the combined degree (the Bachelor of Veterinary Biology). Both tuition fees are subject to annual increases for each year of your study, effective at the start of each calendar year.

Other fees and costs

When you are offered a place to study with us, you will be required to pay a deposit equal to your first semester of tuition fees to secure your place formally and be eligible to apply for a student visa. The total amount will be confirmed in your letter of offer.

You will be required to pay or give evidence of your health insurance (Overseas Student Health Cover) when you accept your offer; an Australian Government requirement for student visa holders:

sydney.edu.au/study/oshc

You will also be required to pay for:

– any additional course costs. Some costs are substantial including but not limited to, faculty-specific materials and textbooks, tools, protective clothing, and equipment. For more information, visit your faculty’s website at sydney.edu.au/faculties

– the Student Services and Amenities fee, which was introduced by the Australian Government to fund services and support programs at universities. Find out more at sydney.edu.au/ssa-fee

– an Application Processing Fee of $125 (some students may be eligible for a fee waiver).

For more information about tuition fees, visit

sydney.edu.au/study/tuition-fees

Annual reviews

All tuition fees and the Student Services and Amenities fee are subject to annual reviews (and indexation, when required) and will increase for each year of your study, effective at the start of each calendar year.

Method of payment

There are several ways you can pay the fees that apply to your study. A surcharge of 1.53 percent will apply for payments made by Visa or MasterCard. The surcharge is subject to review and may change. Read about payment methods and the surcharge at

sydney.edu.au/study/paying-your-fees
Explore our 360° tour online and see our campus through a student’s eyes.

Our interactive tour lets you look inside our historic Quadrangle, explore the futuristic Charles Perkins Centre and get a glimpse of what student life is really like.

sydney.edu.au/tour
Advanced coursework
Advanced coursework is undertaken in the fourth year of the Bachelor of Advanced Studies. It provides you with further experience and knowledge of your field to better prepare you for your career.

Assumed knowledge
For some courses or units of study, we assume you have reached a certain level of knowledge or have passed a relevant subject – this is called assumed knowledge. It often refers to a New South Wales Higher School Certificate (HSC) subject, but equivalent subjects in other recognised Year 12 qualifications will be accepted (see also ‘prerequisite’).

For a guide to the standard required in other Year 12 qualifications, refer to the syllabus of HSC subjects:
− www.boardofstudies.nsw.edu.au/syllabus_hsc

Australian Tertiary Admission Rank (ATAR)
The ATAR is a ranking between 0 and 99.95 that is allocated to all students who complete an Australian Year 12 (secondary school) qualification. It is a measure of the student’s overall academic achievement relative to other students who have undertaken an Australian Year 12 qualification. If you have completed another recognised secondary qualification your results will be translated to an ATAR equivalent to determine whether you have met the standard required for admission.

Combined degrees
When you complete degrees from two different faculties or schools side by side. For example, if you complete a combined Arts/Laws course, you will be awarded a Bachelor of Arts and a Bachelor of Laws. You can complete two degrees in less time than if you studied the two degrees separately.

Credit for previous study
The recognition of previous studies, either at the University of Sydney or another institution that can be granted as specific or non-specific credit towards your current course. Credit for previous study is also called ‘advanced standing’ or ‘transfer credit’.

Credit point
A credit point is the value that each unit of study (single subject) contributes towards the completion requirements for your course. Most units of study are worth six credit points.

CRICOS
The Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS) is the official register of all Australian education providers and the courses available to international students who wish to study here on an Australian student visa.
− cricos.education.gov.au

Dalyell Scholars
For high-achieving students with an ATAR (or equivalent) of 98+, Dalyell Scholars have access to a range of enrichment opportunities that will challenge you alongside your most promising and talented peers.

Degree
The name for the overall course that you are enrolled in (such as Bachelor of Arts).

Domestic student
You are considered a domestic student if you are:
− an Australian or New Zealand citizen (including dual citizens)
− a permanent resident of Australia
− a holder of a permanent Australian humanitarian visa.

Double degrees
When you complete two separate qualifications in succession. In these programs you commence in one degree then transfer to the second degree to complete the remainder of your studies (if you meet certain criteria). For example, you can undertake an undergraduate degree followed by a specific postgraduate program, such as the Bachelor of Science and Master of Nutrition and Dietetics.

Elective unit
An elective unit of study is one that can be taken outside of a major or minor. Electives allow you to explore interests outside of your primary field(s) of study.

Enrolment
The process that secures your place in a course at the University. It includes accepting the University’s conditions of being a student and selecting units of study for the coming semester or year.
Graduate-entry course
A bachelor’s (undergraduate) degree that requires you to have completed another undergraduate degree first, as a prerequisite for entry.

Honours
Some degrees may be completed with honours. Honours differs depending on the degree, and usually involves:
- the completion of a large project and some advanced-level coursework
- additional work in the later years of the course, or
- high-level achievement over all years of the course.

International student
You are considered an international student if you are not an Australian or New Zealand citizen (or a dual citizen of Australia or New Zealand and another country), a permanent resident of Australia or a holder of a permanent Australian humanitarian visa. To enrol at university, international students need to hold an appropriate visa that allows them to study in Australia.

Major
A major is a defined sequence of units of study that deepens your experience in a field of study. Majors are recorded on your academic transcript and requirements for majors are outlined in your handbook.

Minor
A minor is a defined sequence of units of study that develops your expertise in a field of study. All liberal studies degrees (Bachelor of Arts, Bachelor of Science, Bachelor of Commerce) and the specialist degree Bachelor of Economics now require you to complete a minor or a second major.

Open Learning Environment
The Open Learning Environment provides subjects – online modules and workshop-supported courses – that you can complete at your own convenience and supplement with workshops and master classes. Depending on your degree, you may be able to earn credit points for these subjects.

Postgraduate degree
A postgraduate degree course leading to the award of a graduate certificate, graduate diploma, a master’s degree or doctorate. A postgraduate award usually requires previous completion of a relevant undergraduate (bachelor’s) degree or diploma.

Prerequisite
Course prerequisite is a subject you need to have completed at the required standard to be eligible for admission to a course.

Unit of study prerequisite is a unit of study that you need to have completed before you can enrol in a specific unit that requires prior knowledge.

Program
A combination of units of study that develops expertise across several disciplines or a professional or specialist field. It includes at least one recognised major in a field of study.

Semester
A semester is the academic teaching period; about 16 weeks in duration. There are two semesters each year and they usually run from late February to June, and August to November.

Stream
A stream is a version of a course that you apply for separately, but is linked to a common or parent course by components and rules. You need to complete a core program of study in addition to a set of units of study for that particular stream, which appears on your testamur with the award course name. For example, Bachelor of Arts (International and Global Studies). Find out more about course rules at

- sydney.edu.au/handbooks

Undergraduate
The term used to describe a course leading to a diploma or bachelor degree. It is also used to describe a student enrolled in such an award, eg, ‘undergraduate student’.

Undergraduate degree
An undergraduate degree is your first degree, usually after finishing high school. It can be a diploma or a bachelor’s degree.

Unit of study
This is an individual subject that you study as part of your degree. It is the smallest stand-alone component of a course that can be recorded on your academic transcript. For information about course rules and unit of study requirements, visit:

- sydney.edu.au/handbooks

Universities Admissions Centre (UAC)
UAC receives and processes applications for admission to undergraduate courses at recognised universities in New South Wales (NSW) and the Australian Capital Territory (ACT).

Most undergraduate students apply through UAC – for more information visit

- sydney.edu.au/study/how-to-apply

For a full glossary of frequently used terms visit

- sydney.edu.au/glossary
Open Day

Join us on Saturday 25 August 2018 and immerse yourself in campus life for a day.

sydney.edu.au/open-day
IF YOU READ ONLY ONE THING, READ THIS.

Your journey to university is as unique as you are.

At the University of Sydney, you have the opportunity to create your own path. You can customise your course, and get involved in extracurricular activities to personalise your experience.

To learn more, come and see us at Open Day on 25 August 2018, call our helpline or visit our website:

sydney.edu.au/ask
1800 SYD UNI (1800 793 864)

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#usydhereicome

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Twitter (@sydney_uni)
Instagram (@sydney_uni)
Snapchat (@sydney_uni)